

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069651.D
 Acq On : 26 Nov 2021 11:37
 Operator : JC/MD
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 29 00:15:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.659	128	189486	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1087591	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	990821	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	514789	31.325	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.433%			
60) 4-Bromofluorobenzene	12.731	95	466498	29.421	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.067%			
63) Toluene-d8	10.443	98	1382734	30.224	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	316687	22.618	ug/l	97
3) Chloromethane	2.306	50	331598	22.714	ug/l	95
4) Vinyl Chloride	2.451	62	317534	21.451	ug/l	99
5) Bromomethane	2.869	94	181213	19.114	ug/l	99
6) Chloroethane	3.027	64	192431	20.604	ug/l	96
7) Trichlorofluoromethane	3.381	101	426996	19.680	ug/l	97
8) Diethyl Ether	3.824	74	151164	22.071	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.207	101	232564m	23.164	ug/l	
10) 1,1-Dichloroethene	4.186	96	213557	22.553	ug/l	88
11) Methyl Iodide	4.422	142	291616	22.103	ug/l	99
12) Methyl Acetate	4.859	43	588498	21.580	ug/l	90
13) Acrolein	4.044	56	90573	120.798	ug/l	98
14) Acrylonitrile	5.556	53	787930	105.903	ug/l	99
15) Acetone	4.291	58	271043	109.330	ug/l	75
16) Carbon Disulfide	4.532	76	499064	21.085	ug/l	98
17) Allyl chloride	4.843	41	449599	22.339	ug/l	90
18) Methylene Chloride	5.101	84	263743	21.863	ug/l #	87
19) trans-1,2-Dichloroethene	5.599	96	229037	22.041	ug/l	89
20) Diisopropyl ether	6.498	45	948797	22.001	ug/l #	96
21) 1,1-Dichloroethane	6.388	63	491296	22.456	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	275934	21.410	ug/l	90
23) tert-Butyl Alcohol	5.374	59	256625	99.108	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	837402	22.066	ug/l	95
25) Chloroform	7.820	83	501273	22.159	ug/l	99
26) Cyclohexane	8.094	56	462850	22.282	ug/l #	86
29) 1,1-Dichloropropene	8.222	75	366780	22.092	ug/l	95
30) 2-Butanone	7.337	43	1238395	103.054	ug/l	91
31) 2,2-Dichloropropane	7.329	77	379499	21.622	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	414140	21.368	ug/l	94
33) Carbon Tetrachloride	8.204	117	347917	21.735	ug/l	98
34) Benzene	8.461	78	1097272	21.734	ug/l	95
35) Methacrylonitrile	7.638	41	234928	21.315	ug/l	89
36) 1,2-Dichloroethane	8.528	62	441242	22.669	ug/l	97
37) Trichloroethene	9.217	130	263724	21.622	ug/l	92
38) Methylcyclohexane	9.459	83	448792	21.850	ug/l	89
39) 1,2-Dichloropropane	9.491	63	293684	21.963	ug/l	99
40) Dibromomethane	9.577	93	193664	21.626	ug/l	96
41) Bromodichloromethane	9.764	83	360910	21.471	ug/l	96
42) Vinyl Acetate	6.436	43	3666401	107.961	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	472494	21.217	ug/l	95
44) Isopropyl Acetate	8.563	43	723652	20.843	ug/l	96
45) 1,4-Dioxane	9.571	88	107002	379.657	ug/l #	86
46) Methyl methacrylate	9.561	41	325634	20.364	ug/l	83
47) n-amyl Acetate	12.390	43	441663	16.566	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	366563	20.321	ug/l	100
49) cis-1,3-Dichloropropene	10.188	75	414992	21.141	ug/l	93
50) 1,1,2-Trichloroethane	10.899	97	270224	21.249	ug/l	95
51) Ethyl methacrylate	10.762	69	428798	20.112	ug/l	91
52) 1,3-Dichloropropane	11.044	76	474757	21.613	ug/l	99
53) Dibromochloromethane	11.237	129	252442	20.774	ug/l	98
54) 1,2-Dibromoethane	11.347	107	269691	20.477	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	501281	103.362	ug/l	97
56) Bromoform	12.457	173	169667	19.470	ug/l #	98
58) 4-Methyl-2-Pentanone	10.330	43	2352640	108.171	ug/l #	94
59) 2-Hexanone	11.087	43	1648309	99.632	ug/l	95
61) Tetrachloroethene	10.977	164	248005	23.321	ug/l	94
62) Toluene	10.505	91	1187906	21.818	ug/l	99
64) Chlorobenzene	11.771	112	703010	21.521	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	251778	21.893	ug/l	100
66) Ethyl Benzene	11.846	91	1299720	21.566	ug/l	100
67) m/p-Xylenes	11.953	106	960486	42.910	ug/l	95
68) o-Xylene	12.280	106	475292	21.207	ug/l	96
69) Styrene	12.296	104	744751	20.496	ug/l	98
70) Isopropylbenzene	12.578	105	1248687	21.304	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	402243	20.797	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	369033m	19.586	ug/l	
73) Bromobenzene	12.859	156	285355	21.119	ug/l	94
74) n-propylbenzene	12.921	91	1401200	20.815	ug/l	99
75) 2-Chlorotoluene	13.007	91	867022	21.158	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	1025487	21.316	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	85872	16.884	ug/l	80
78) 4-Chlorotoluene	13.106	91	807623	20.580	ug/l	95
79) tert-butylbenzene	13.323	119	885017	20.913	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	971332m	20.698	ug/l	
81) sec-Butylbenzene	13.503	105	1199658	20.261	ug/l	99
82) p-Isopropyltoluene	13.618	119	957207	20.261	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	469017	20.303	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	438225	19.554	ug/l	98
85) n-Butylbenzene	13.943	91	726109	18.415	ug/l	99
86) Hexachloroethane	14.211	117	152942	19.560	ug/l	89
87) 1,2-Dichlorobenzene	13.989	146	458094	20.547	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	65447	19.330	ug/l	95
89) 1,2,4-Trichlorobenzene	15.265	180	185757	17.377	ug/l	96
90) Hexachlorobutadiene	15.370	225	127169	21.999	ug/l	99
91) Naphthalene	15.507	128	426340	13.844	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	175544	16.704	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

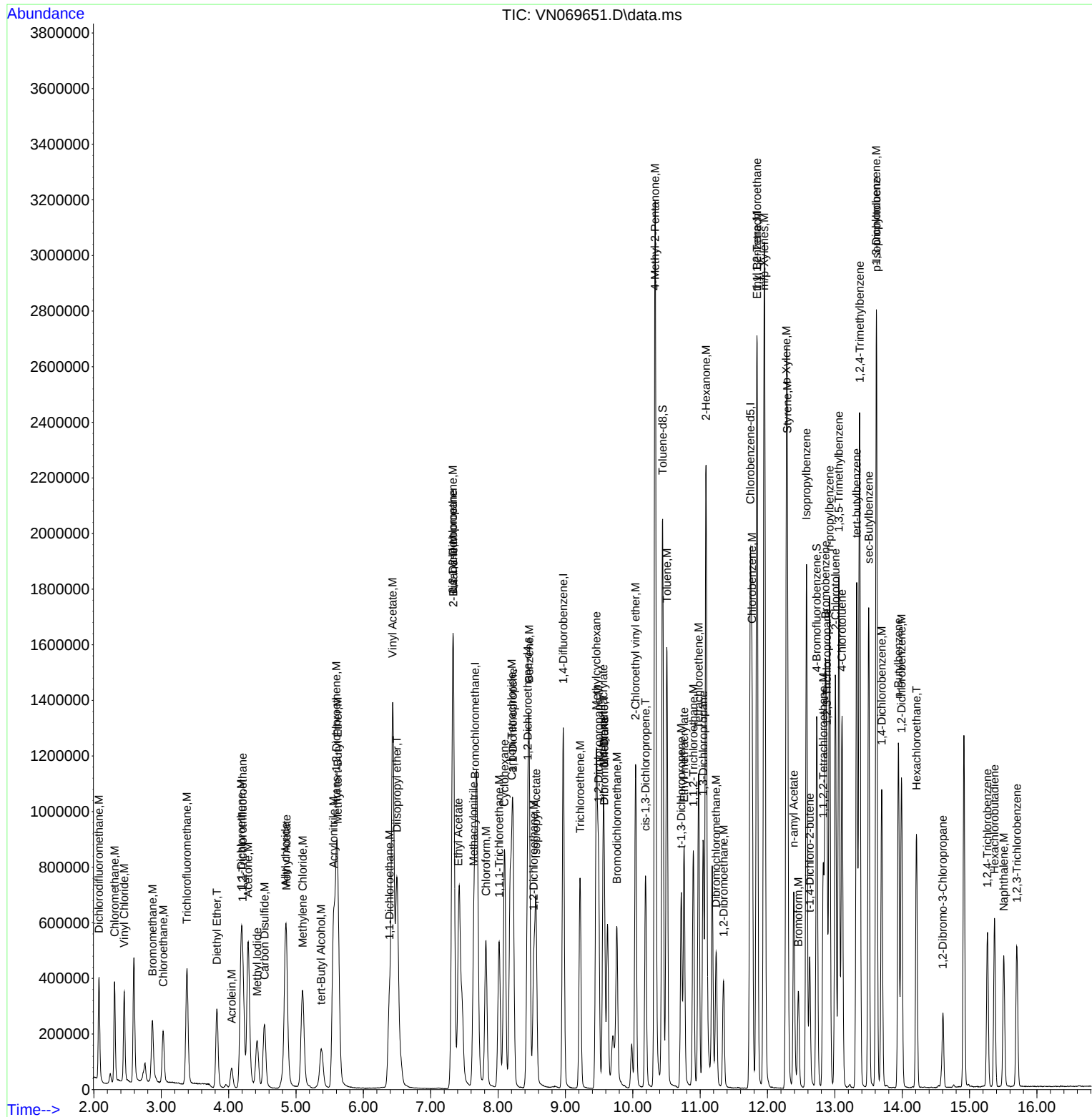
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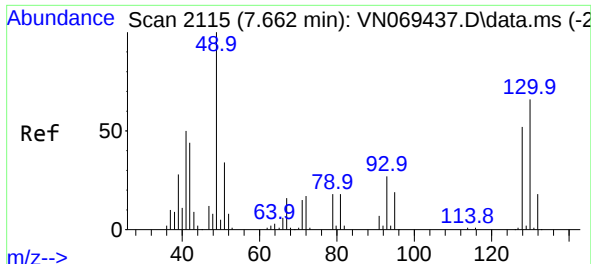
Instrument :
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 ClientSampleId :
 VN1126WBS01

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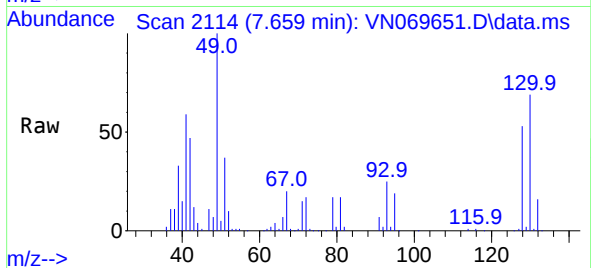
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

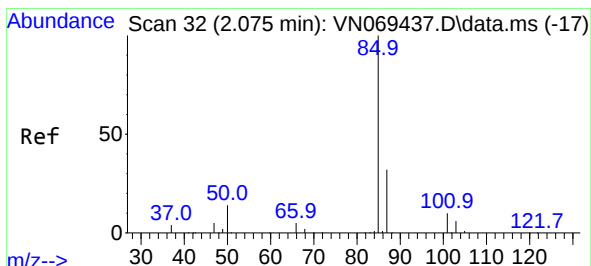
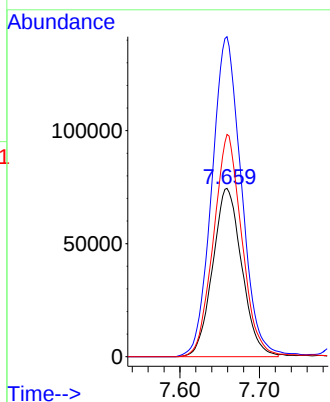
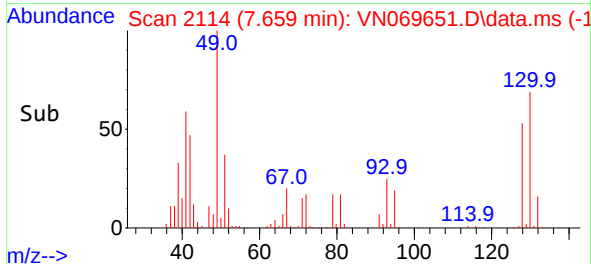
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



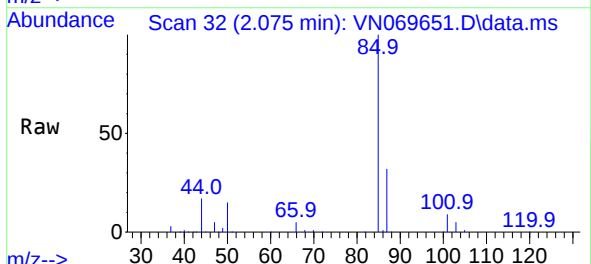
Tgt Ion:128 Resp: 189480
Ion Ratio Lower Upper
128 100
49 192.9 0.0 392.3
130 129.0 0.0 320.2

Manual Integrations
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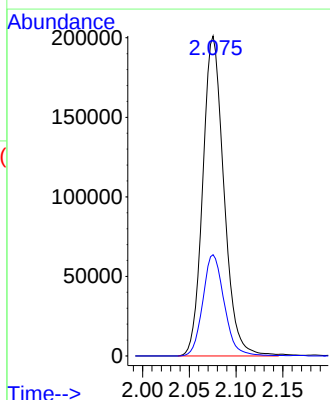
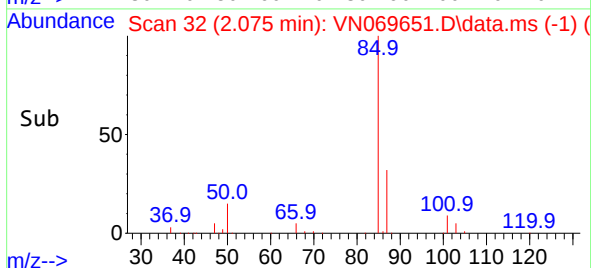
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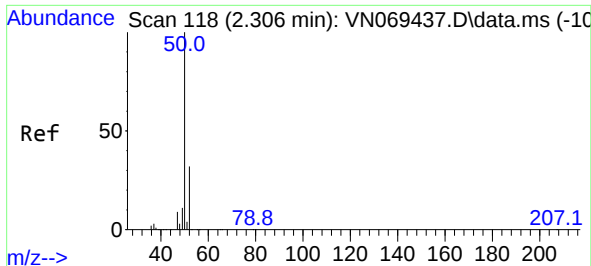


#2
Dichlorodifluoromethane
Concen: 22.618 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



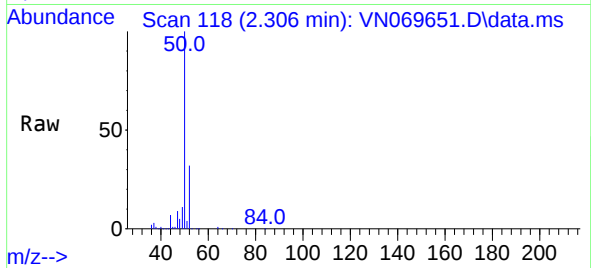
Tgt Ion: 85 Resp: 316687
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.7





#3
Chloromethane
Concen: 22.714 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

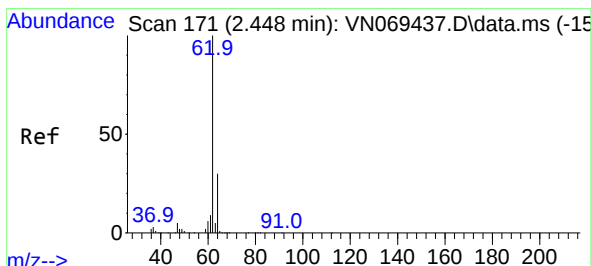
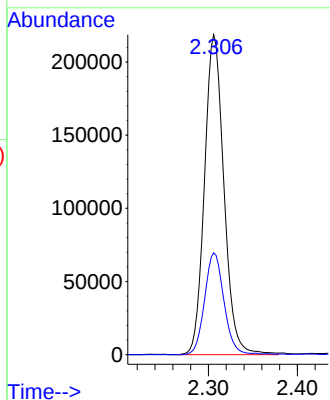
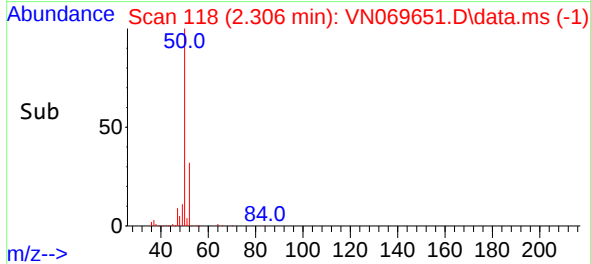
Instrument :
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VN1126WBS01



Tgt Ion: 50 Resp: 331598
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.6

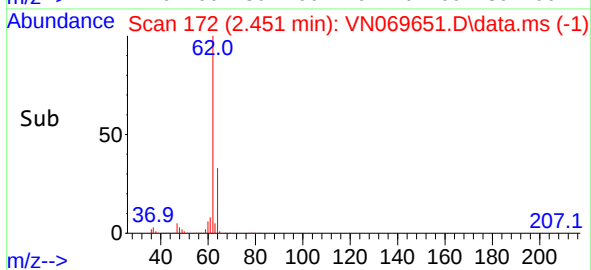
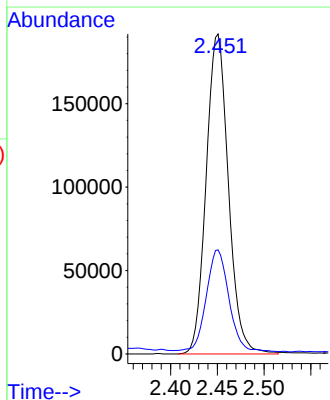
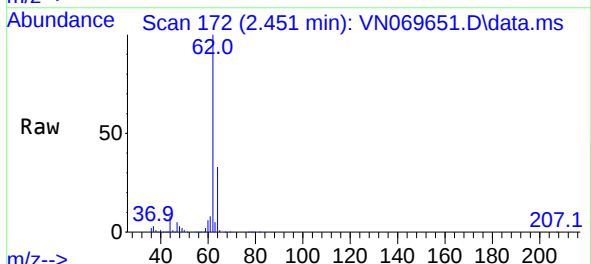
Manual Integrations
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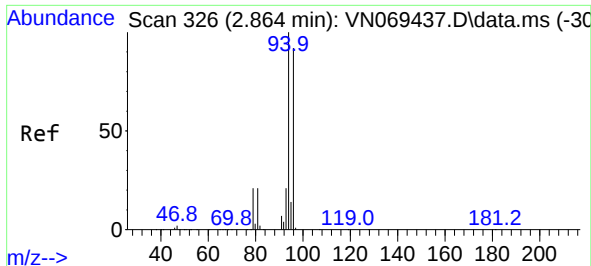
Reviewed By :John Carlone 11/29/2021
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#4
Vinyl Chloride
Concen: 21.451 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

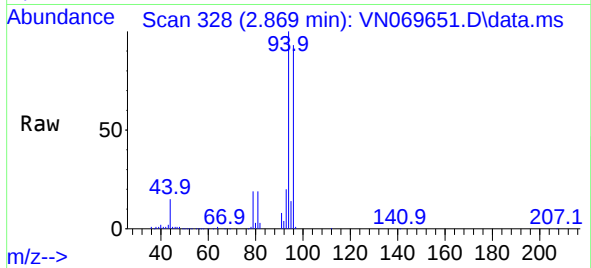
Tgt Ion: 62 Resp: 317534
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 19.114 ug/l
RT: 2.869 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

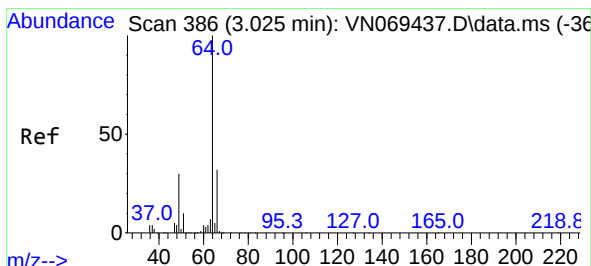
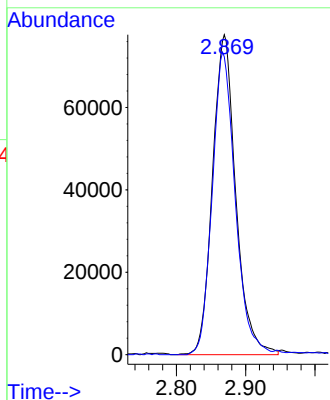
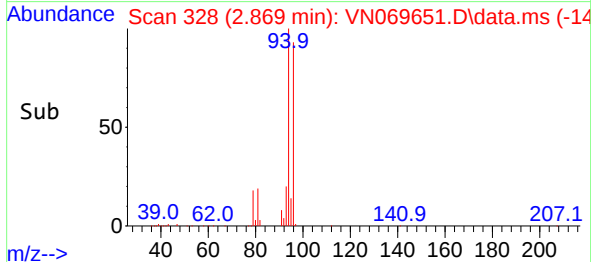
Instrument :
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ClientSampleId :
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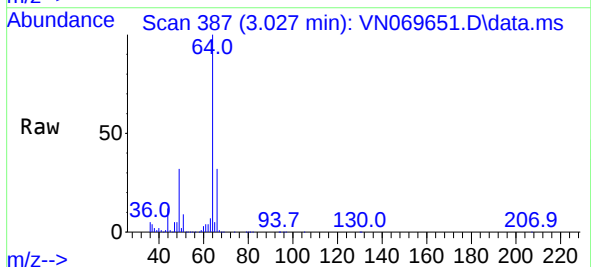
Tgt Ion: 94 Resp: 18121
Ion Ratio Lower Upper
94 100
96 93.1 75.2 112.8

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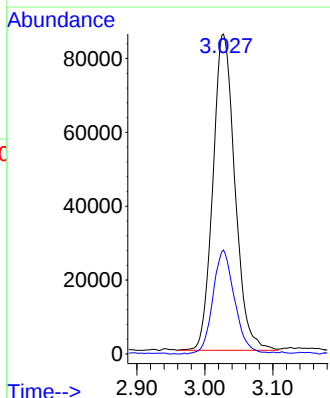
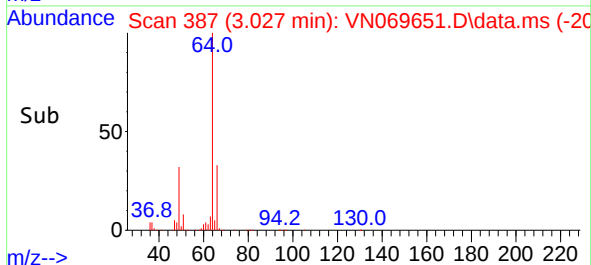
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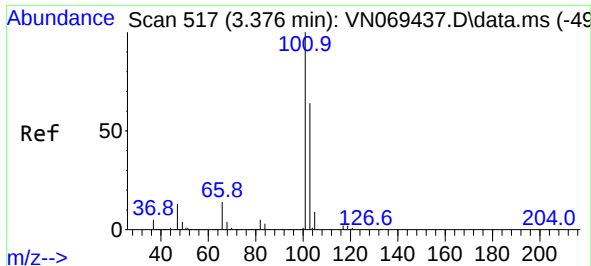


#6
Chloroethane
Concen: 20.604 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



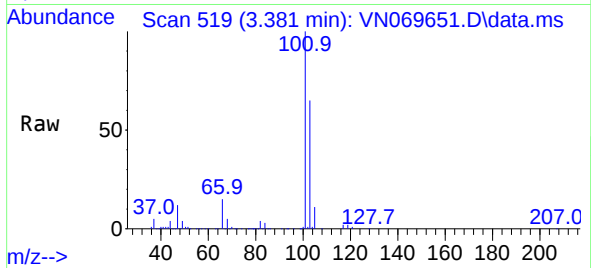
Tgt Ion: 64 Resp: 192431
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.680 ug/l
RT: 3.381 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN069651.D
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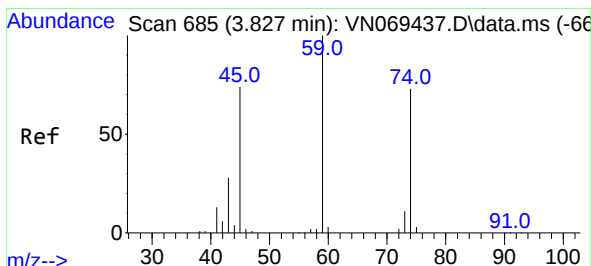
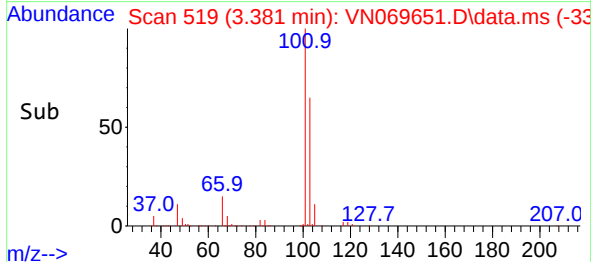
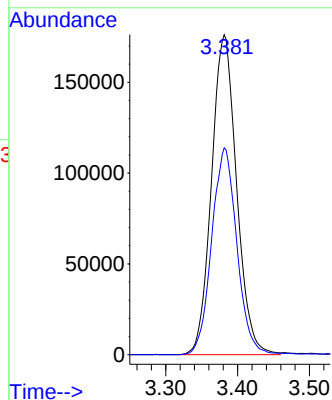
Instrument :
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Tgt Ion:101 Resp: 426990
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

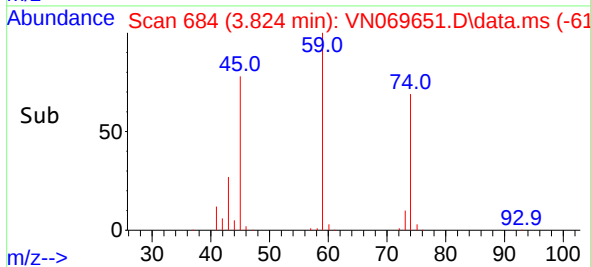
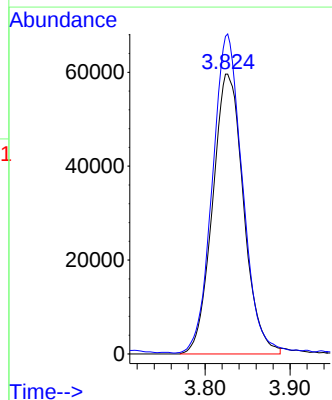
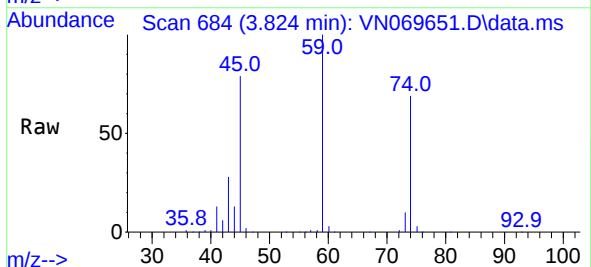
Manual Integrations
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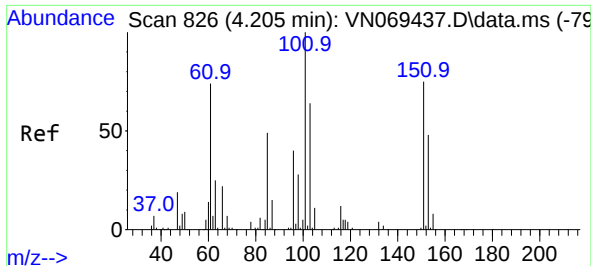
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#8
Diethyl Ether
Concen: 22.071 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 74 Resp: 151164
Ion Ratio Lower Upper
74 100
45 110.3 17.6 158.8





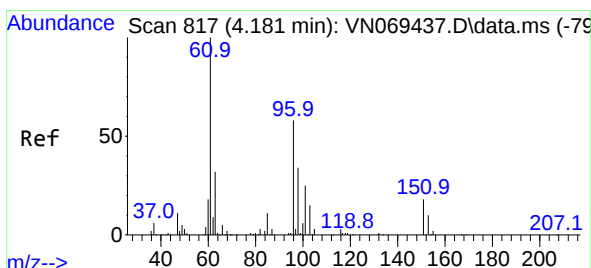
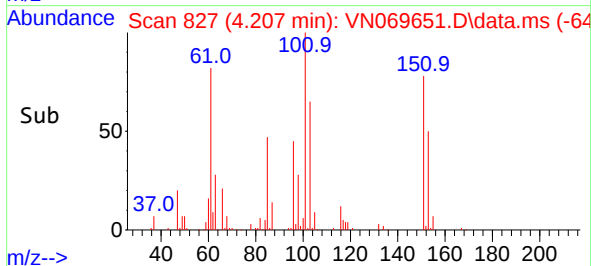
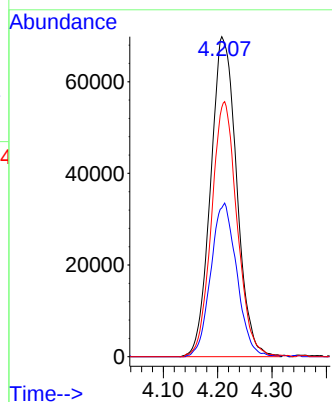
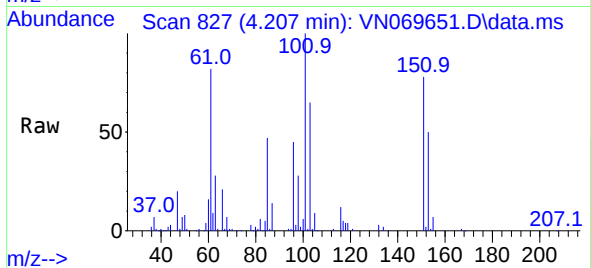
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1,1,2-Trichlorotrifluoroethane
Concen: 23.164 ug/l m
RT: 4.207 min Scan# 81
Delta R.T. -0.013 min
Lab File: VN069651.D
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MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:101 Resp: 232564
Ion Ratio Lower Upper
101 100
85 0.1 0.0 94.0
151 0.1 0.0 74.6

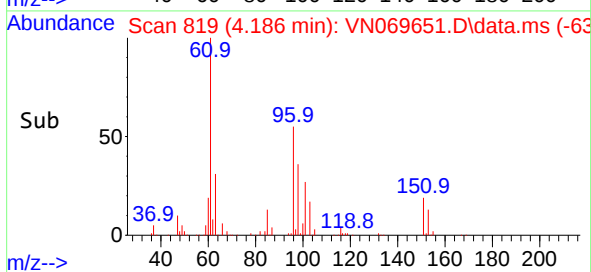
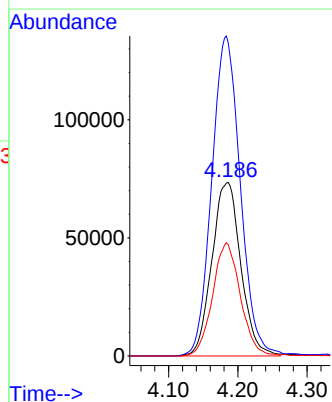
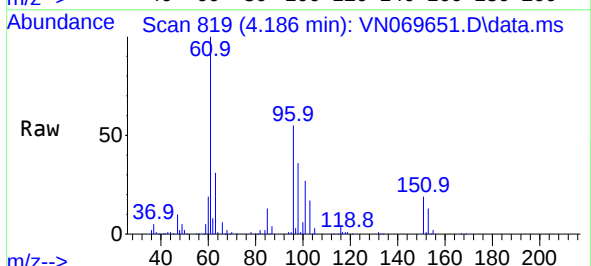
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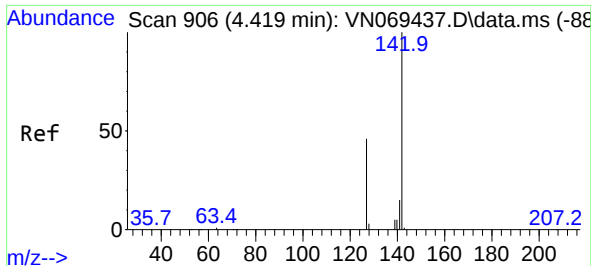
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#10
1,1-Dichloroethene
Concen: 22.553 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

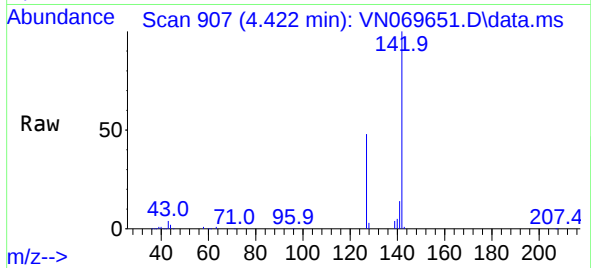
Tgt Ion: 96 Resp: 213557
Ion Ratio Lower Upper
96 100
61 180.1 126.2 189.4
98 64.2 50.9 76.3





#11
Methyl Iodide
Concen: 22.103 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

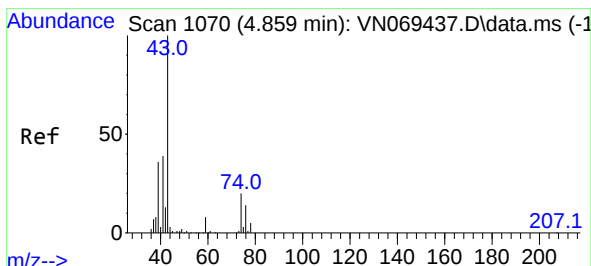
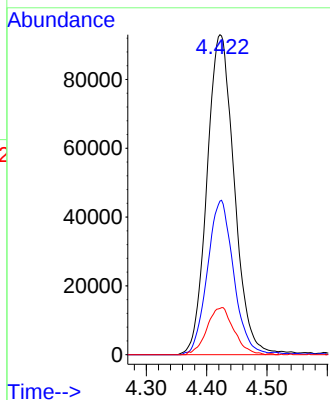
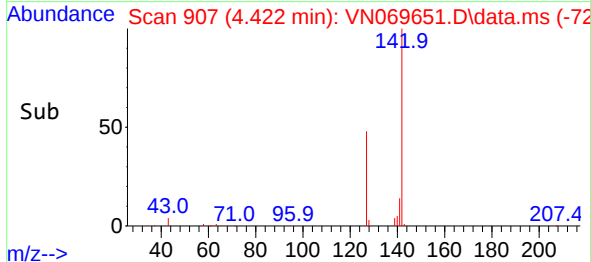
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion:142 Resp: 291610
Ion Ratio Lower Upper
142 100
127 47.9 24.0 72.0
141 14.5 8.4 25.2

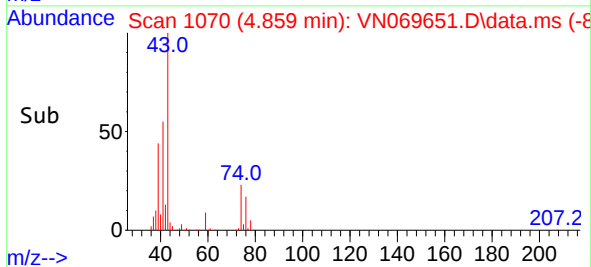
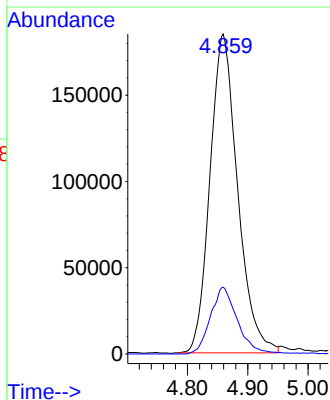
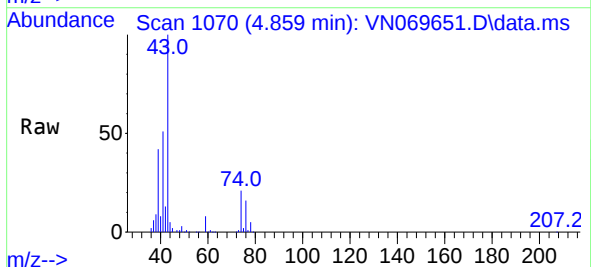
Manual Integrations
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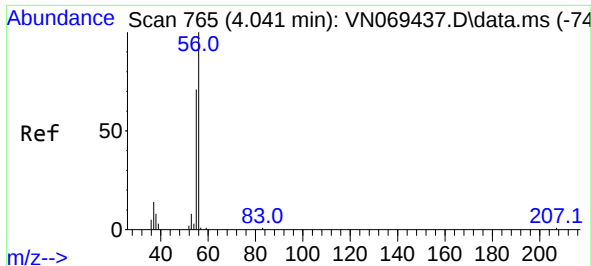
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#12
Methyl Acetate
Concen: 21.580 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

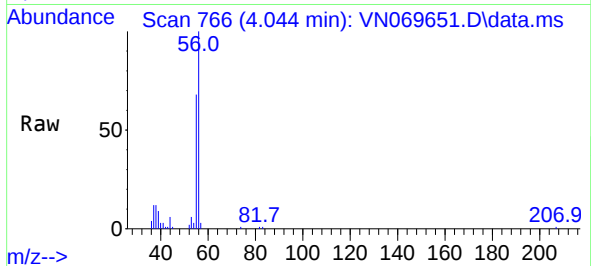
Tgt Ion: 43 Resp: 588498
Ion Ratio Lower Upper
43 100
74 20.9 20.8 31.2





#13
Acrolein
Concen: 120.798 ug/l
RT: 4.044 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

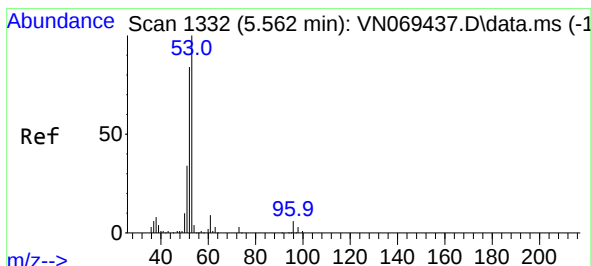
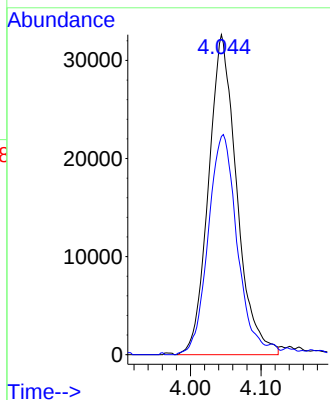
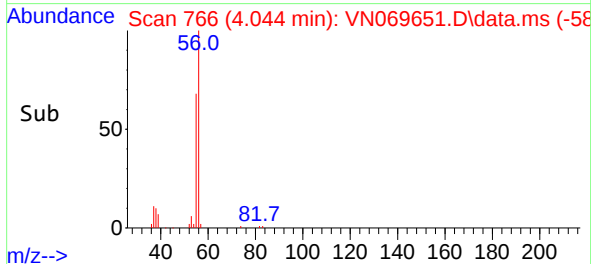
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



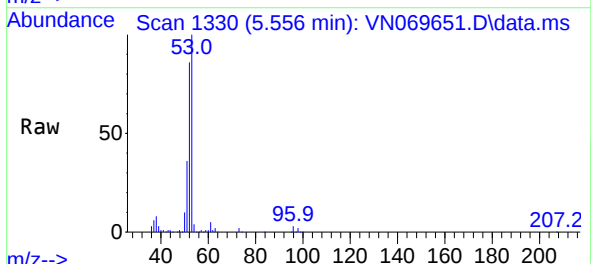
Tgt Ion: 56 Resp: 9057
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

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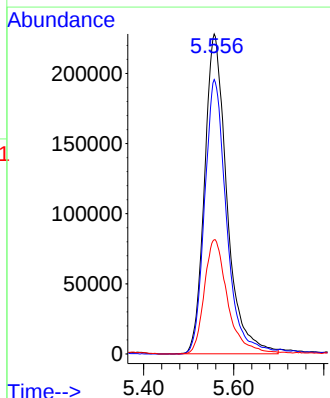
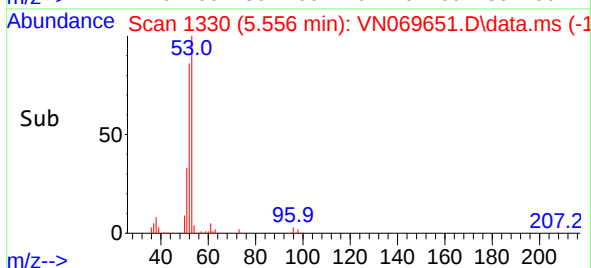
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

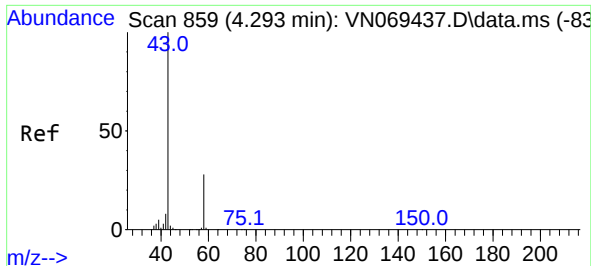


#14
Acrylonitrile
Concen: 105.903 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion: 53 Resp: 787930
Ion Ratio Lower Upper
53 100
52 84.1 41.8 125.4
51 37.3 19.0 57.0





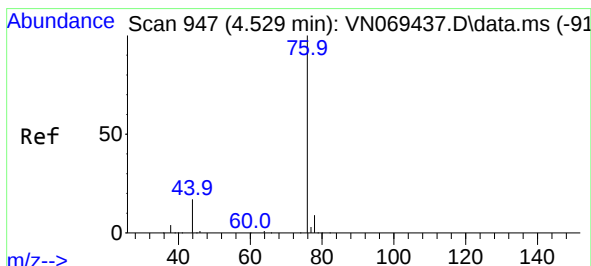
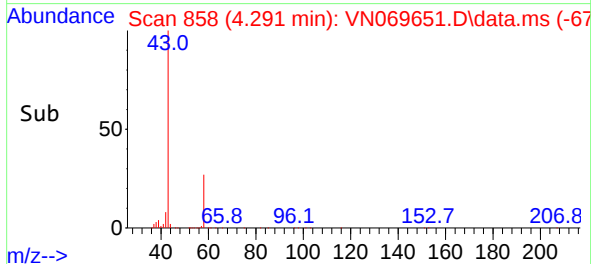
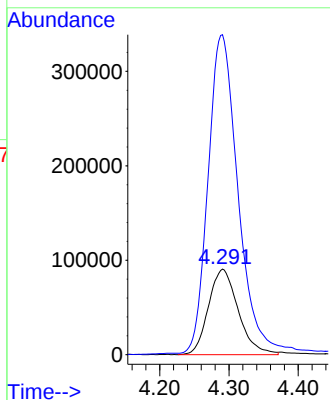
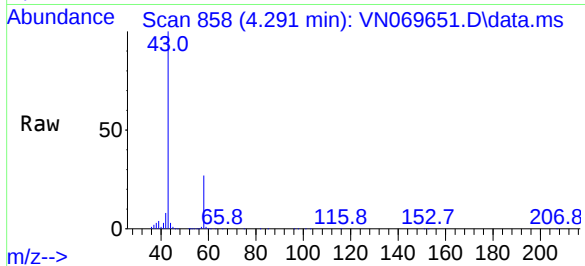
#15
Acetone
Concen: 109.330 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 58 Resp: 27104
Ion Ratio Lower Upper
58 100
43 371.8 256.6 384.8

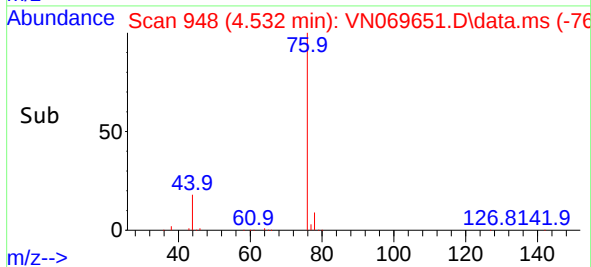
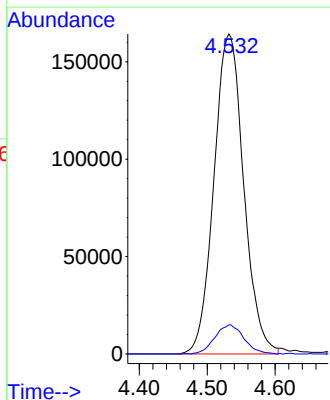
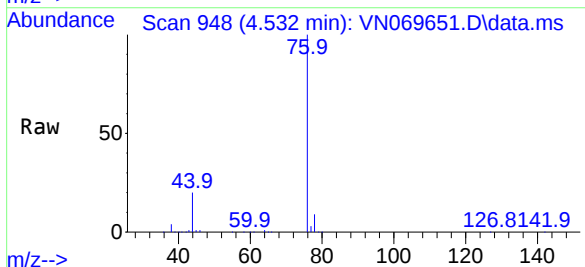
Manual Integrations
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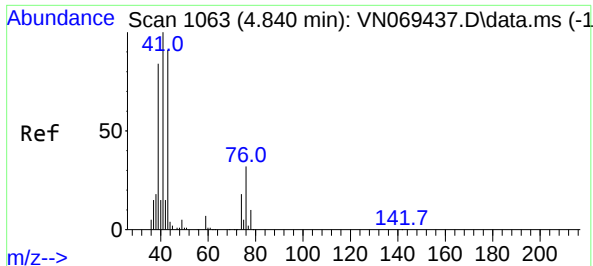
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#16
Carbon Disulfide
Concen: 21.085 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

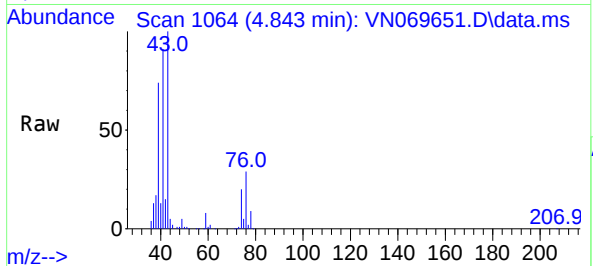
Tgt Ion: 76 Resp: 499064
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 22.339 ug/l
 RT: 4.843 min Scan# 1160
 Delta R.T. -0.003 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37

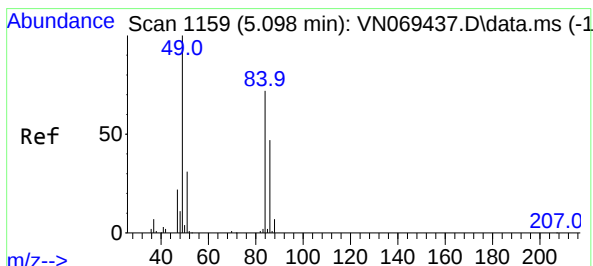
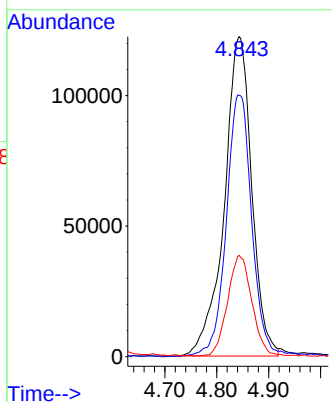
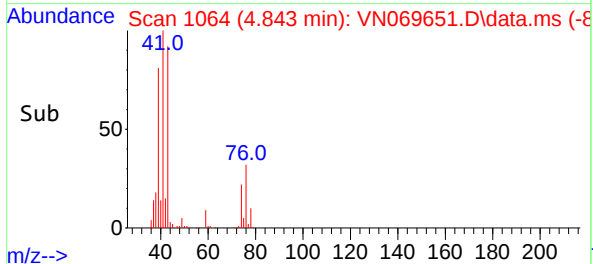
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01



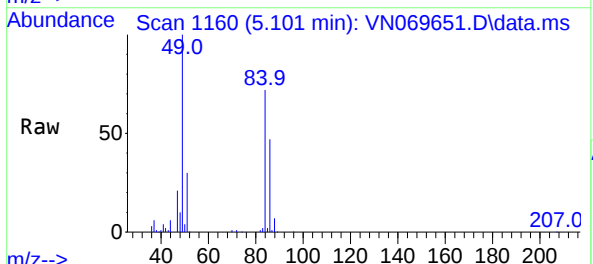
Tgt Ion: 41 Resp: 449599
 Ion Ratio Lower Upper
 41 100
 39 81.7 44.6 134.0
 76 31.3 19.6 58.7

Manual Integrations
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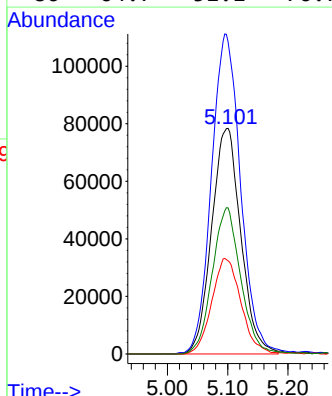
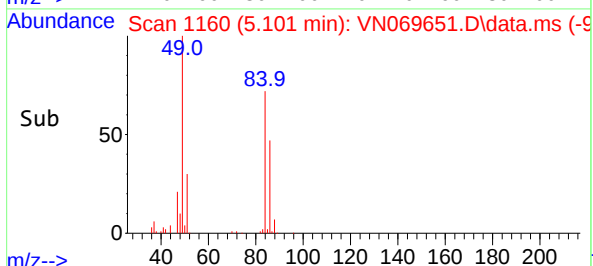
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

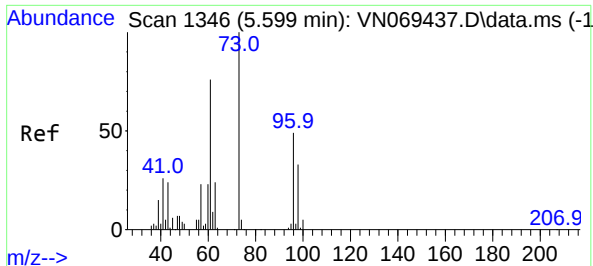


#18
 Methylene Chloride
 Concen: 21.863 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37



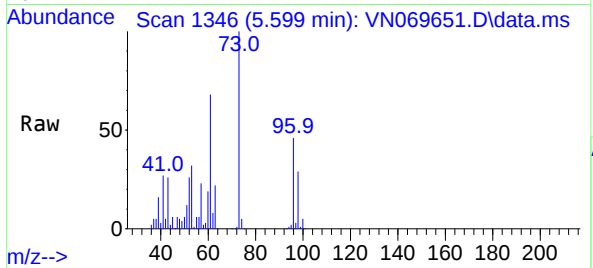
Tgt Ion: 84 Resp: 263743
 Ion Ratio Lower Upper
 84 100
 49 137.9 91.4 137.0#
 51 41.3 29.4 44.0
 86 64.7 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 22.041 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

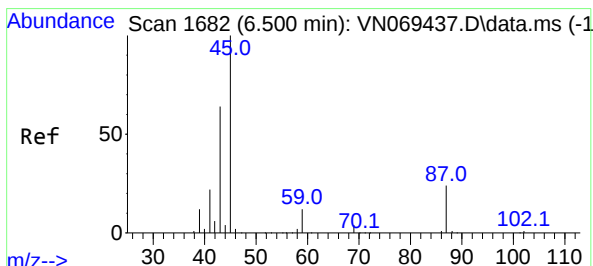
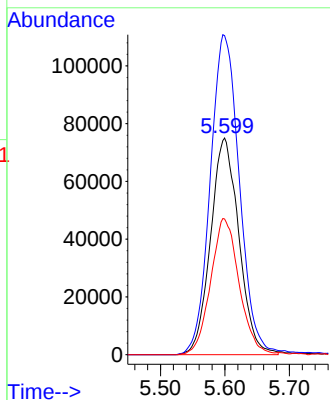
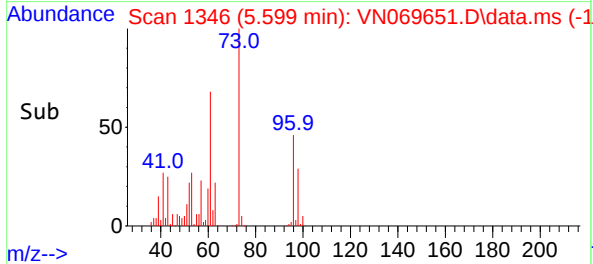
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



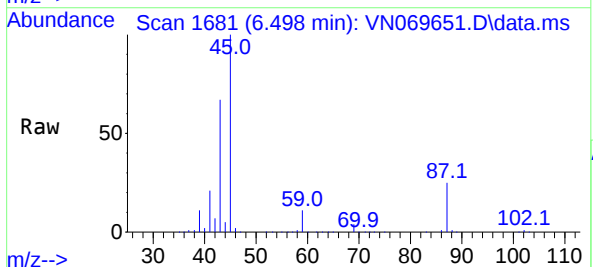
Tgt Ion: 96 Resp: 22903
Ion Ratio Lower Upper
96 100
61 147.0 102.8 154.2
98 62.6 49.3 73.9

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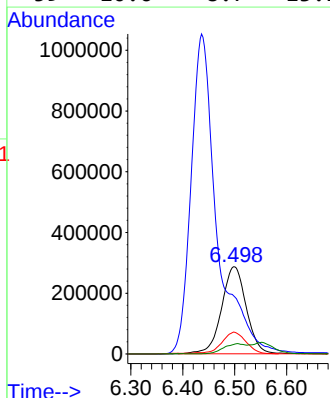
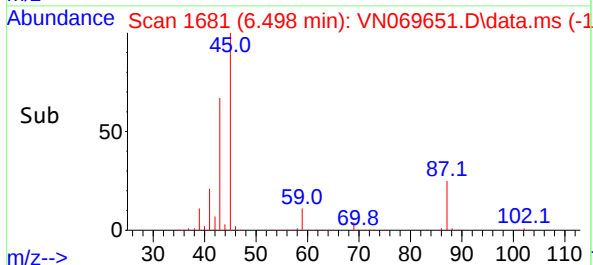
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

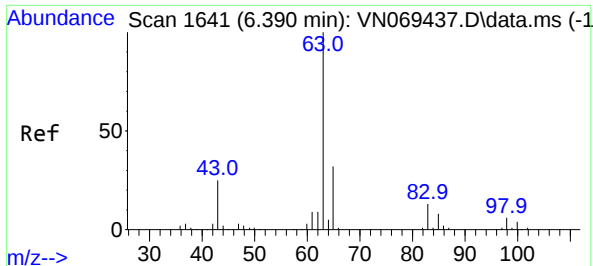


#20
Diisopropyl ether
Concen: 22.001 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion: 45 Resp: 948797
Ion Ratio Lower Upper
45 100
43 62.6 51.0 76.4
87 24.9 25.0 37.4#
59 10.6 8.7 13.1





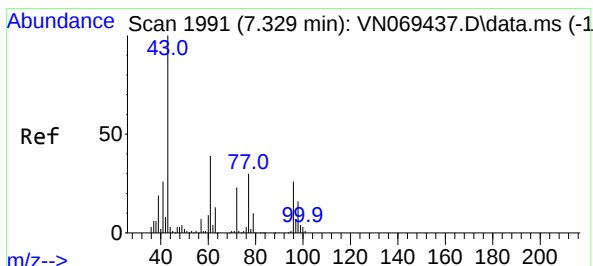
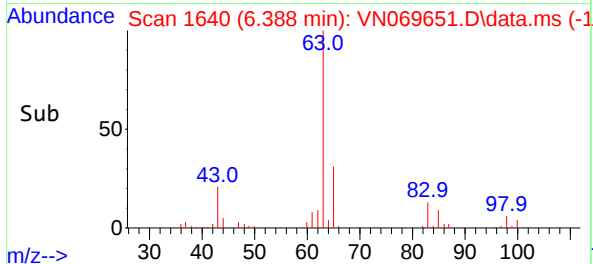
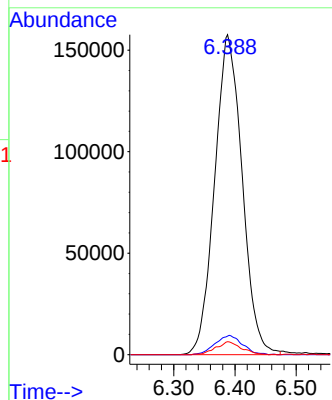
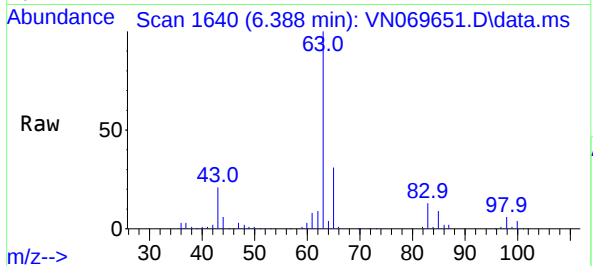
#21
1,1-Dichloroethane
Concen: 22.456 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 63 Resp: 491290
Ion Ratio Lower Upper
63 100
98 5.8 3.2 9.6
100 4.1 2.1 6.2

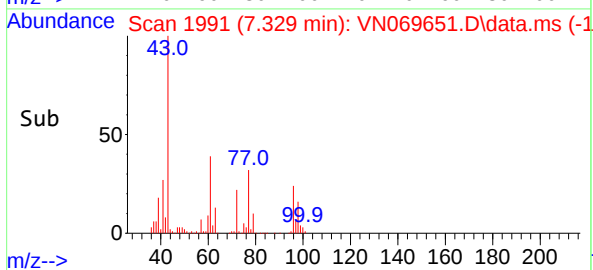
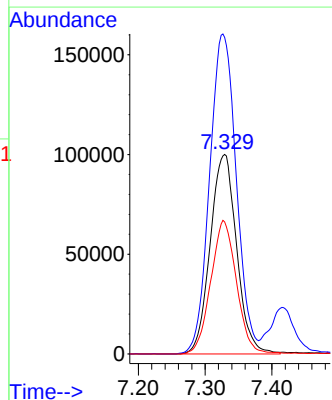
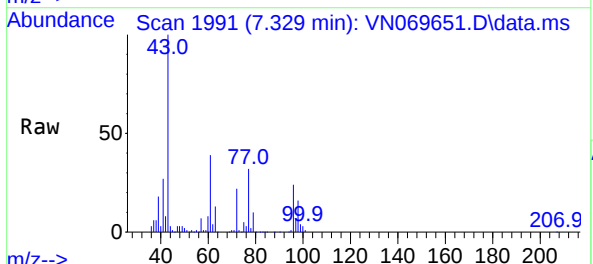
Manual Integrations
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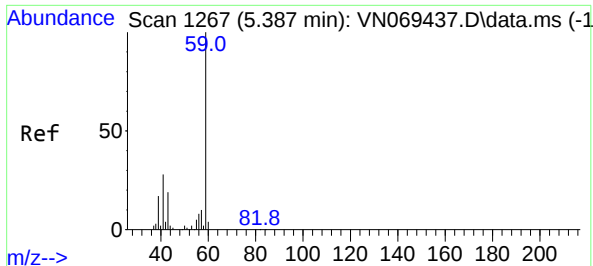
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
cis-1,2-Dichloroethene
Concen: 21.410 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 96 Resp: 275934
Ion Ratio Lower Upper
96 100
61 161.6 115.7 173.5
98 64.7 51.6 77.4





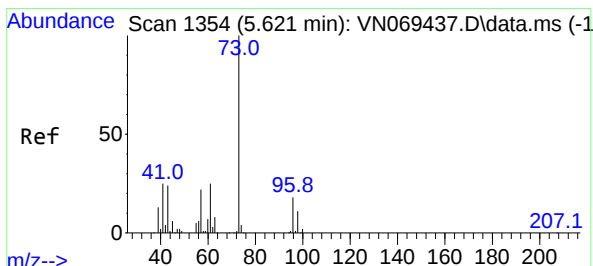
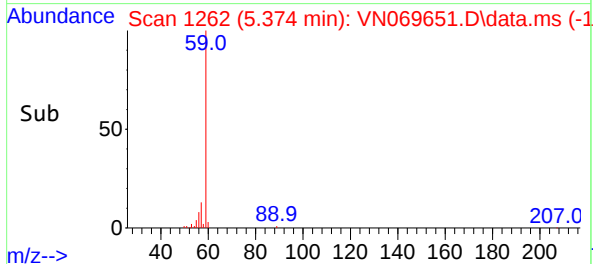
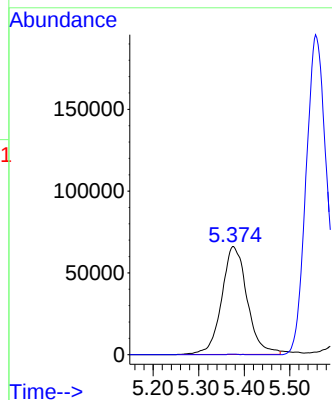
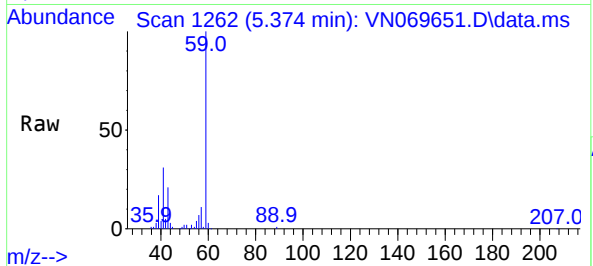
#23
tert-Butyl Alcohol
Concen: 99.108 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. 0.008 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 59 Resp: 256625
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

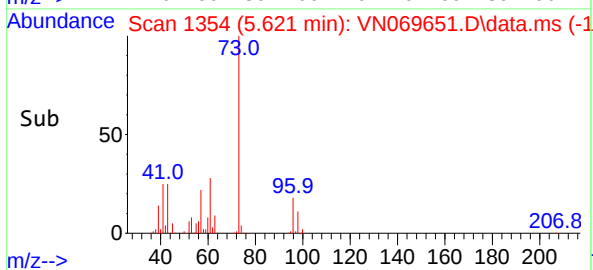
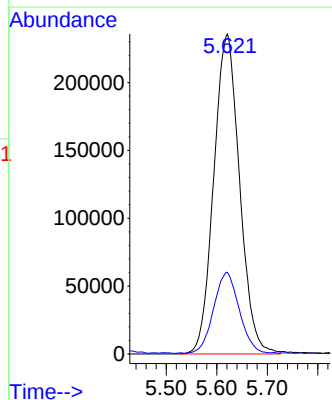
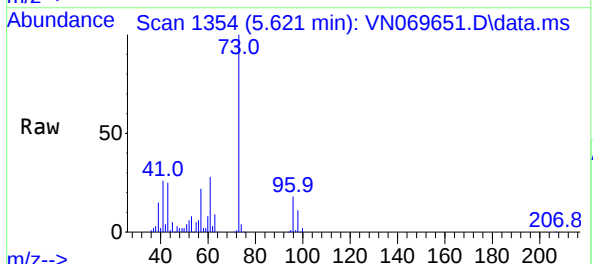
Manual Integrations
APPROVED

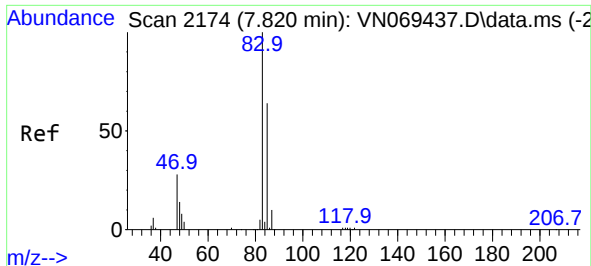
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#24
Methyl tert-Butyl Ether
Concen: 22.066 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

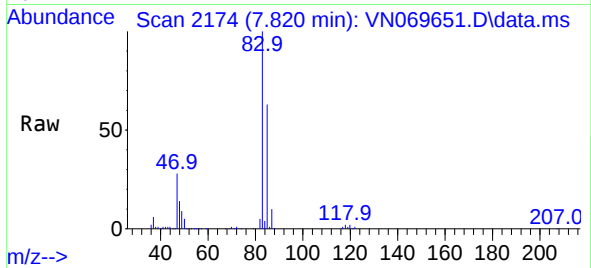
Tgt Ion: 73 Resp: 837402
Ion Ratio Lower Upper
73 100
43 25.0 18.1 27.1





#25
Chloroform
Concen: 22.159 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

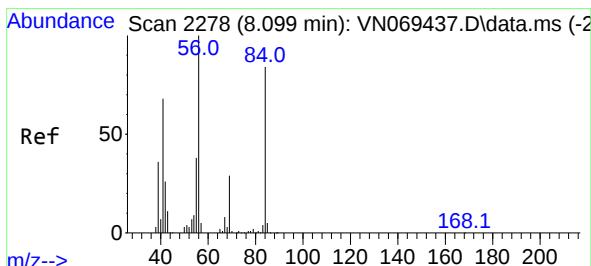
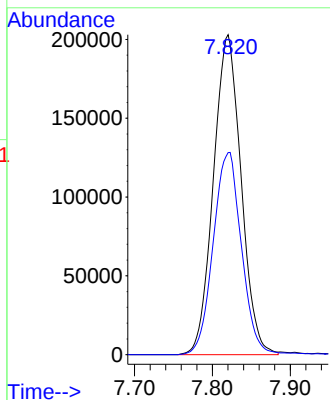
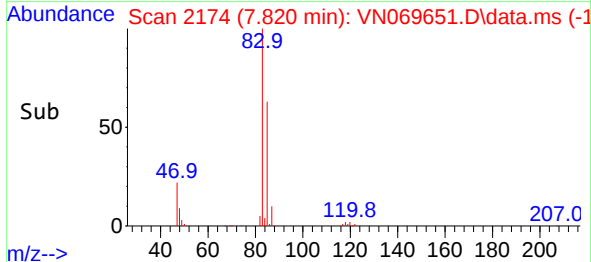
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 83 Resp: 50127
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9

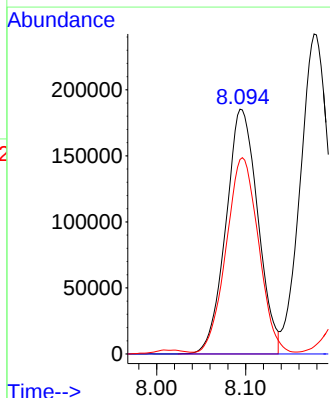
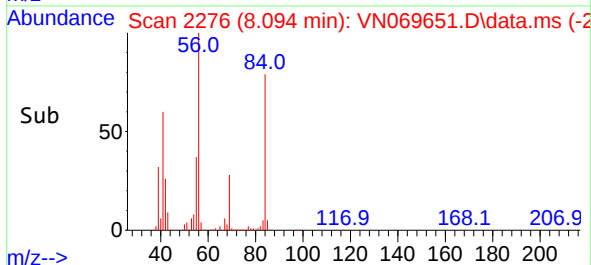
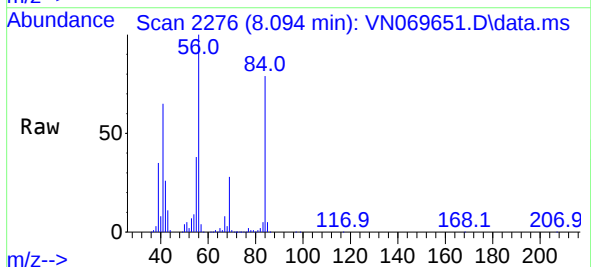
Manual Integrations
APPROVED

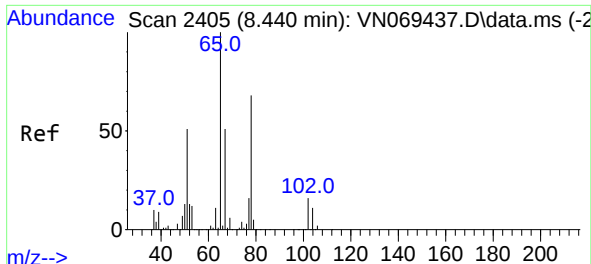
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Cyclohexane
Concen: 22.282 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 56 Resp: 462850
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.2 74.6 111.8





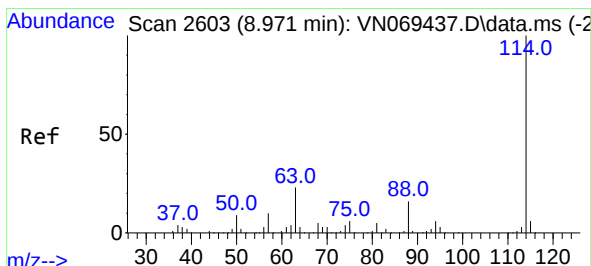
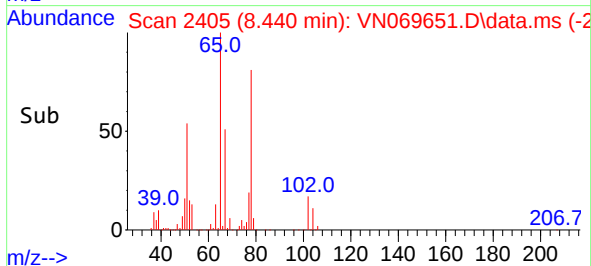
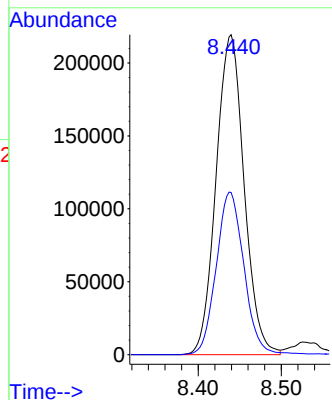
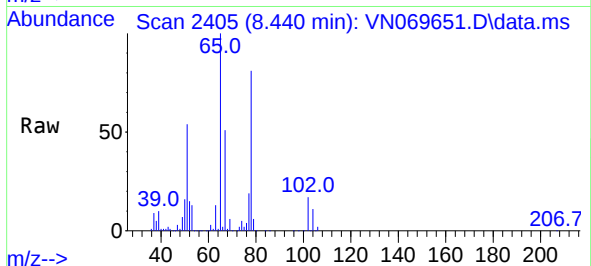
#27
1,2-Dichloroethane-d4
Concen: 31.325 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 65 Resp: 514789
Ion Ratio Lower Upper
65 100
67 50.0 40.2 60.2

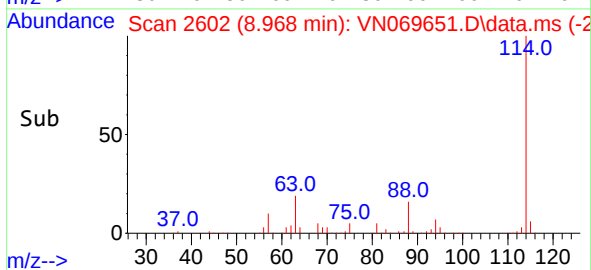
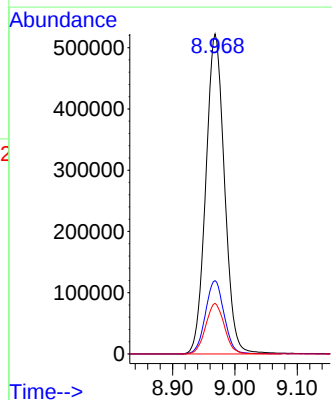
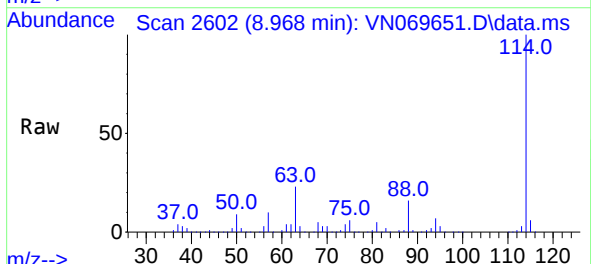
Manual Integrations
APPROVED

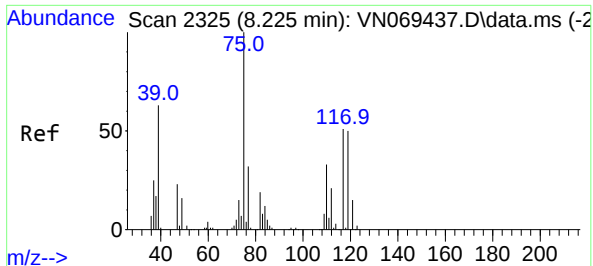
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

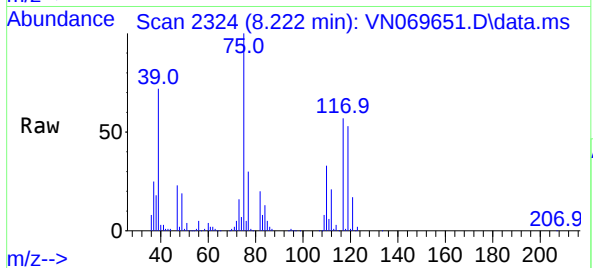
Tgt Ion:114 Resp: 1087591
Ion Ratio Lower Upper
114 100
63 22.9 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 22.092 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

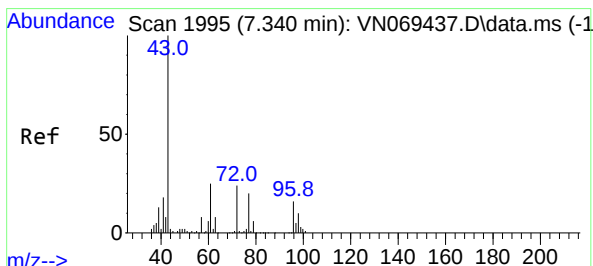
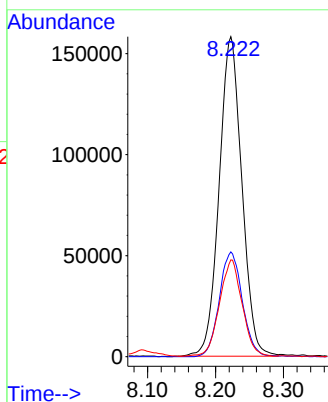
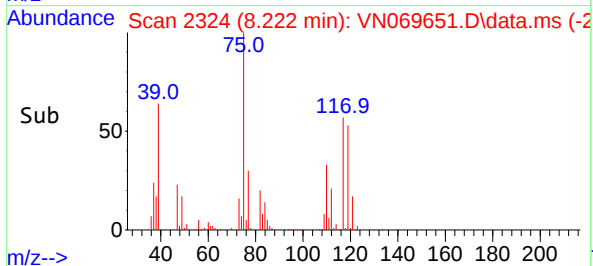
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



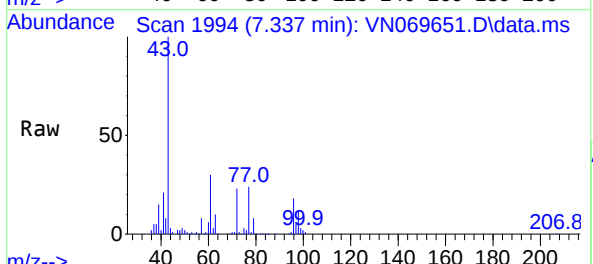
Tgt Ion: 75 Resp: 366780
Ion Ratio Lower Upper
75 100
110 33.1 0.0 74.2
77 30.2 0.0 63.2

Manual Integrations
APPROVED

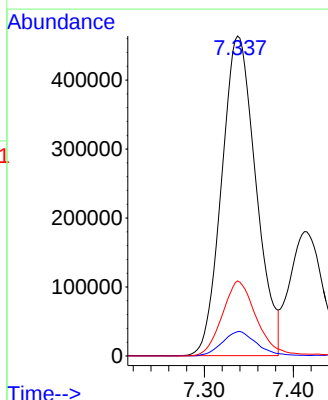
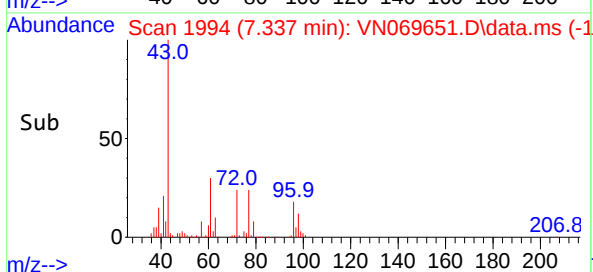
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

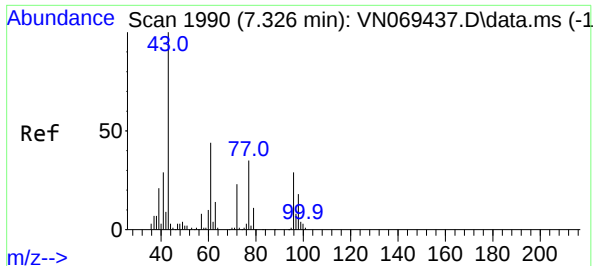


#30
2-Butanone
Concen: 103.054 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion: 43 Resp: 1238395
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 23.4 23.2 34.8





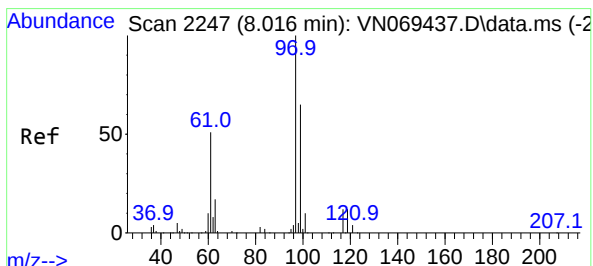
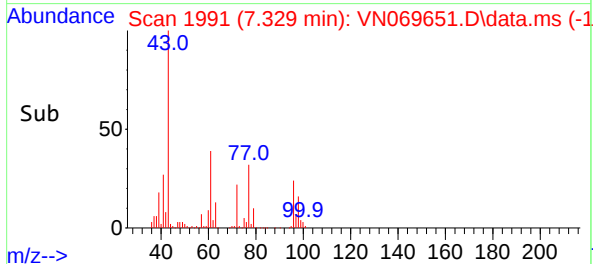
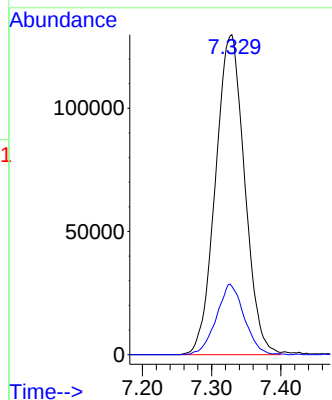
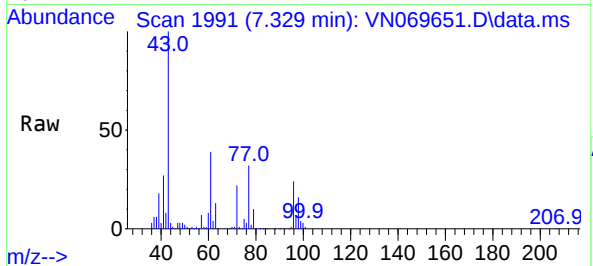
#31
2,2-Dichloropropane
Concen: 21.622 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 77 Resp: 379499
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

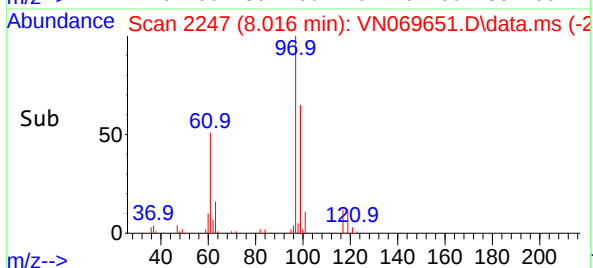
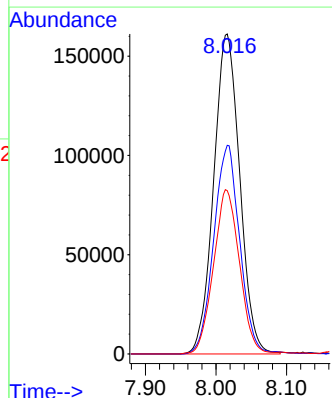
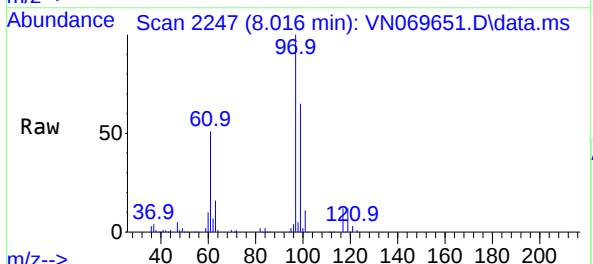
Manual Integrations
APPROVED

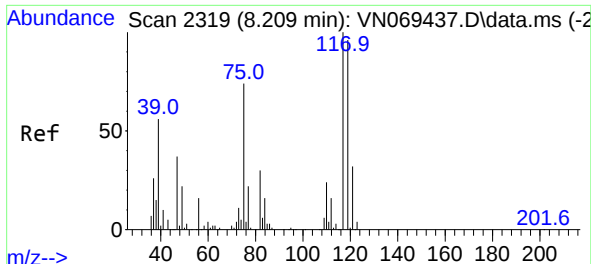
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#32
1,1,1-Trichloroethane
Concen: 21.368 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

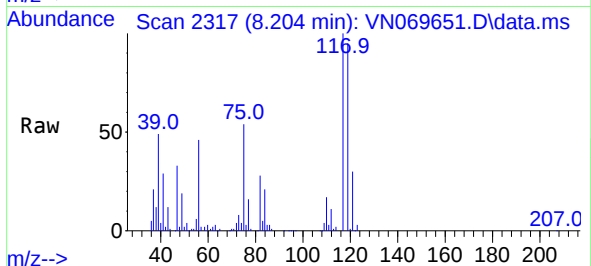
Tgt Ion: 97 Resp: 414140
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 51.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.735 ug/l
RT: 8.204 min Scan# 2117
Delta R.T. -0.005 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

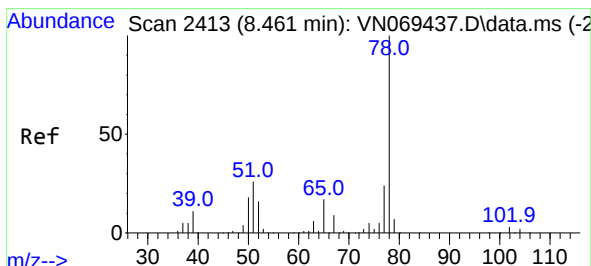
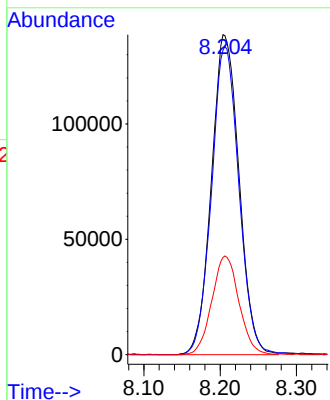
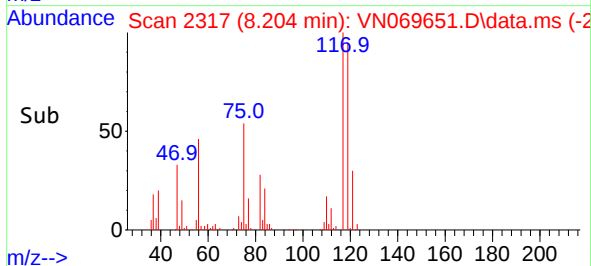
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



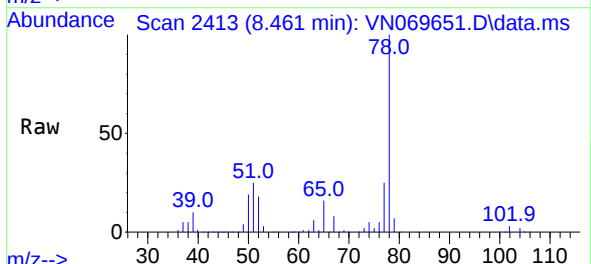
Tgt Ion: 117 Resp: 347917
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
121 30.4 23.5 35.3

Manual Integrations
APPROVED

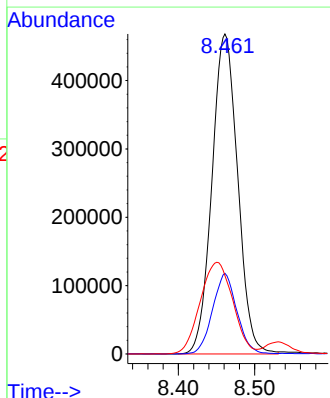
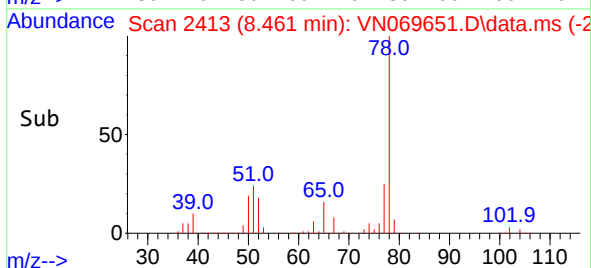
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

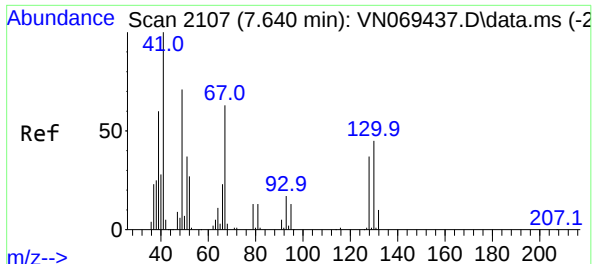


#34
Benzene
Concen: 21.734 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion: 78 Resp: 1097272
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7
51 23.9 16.0 24.0





#35

Methacrylonitrile

Concen: 21.315 ug/l

RT: 7.638 min Scan# 2107

Delta R.T. 0.003 min

Lab File: VN069651.D

Acq: 26 Nov 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tgt Ion: 41 Resp: 234928

Ion Ratio Lower Upper

41 100

39 54.7 28.0 83.9

67 59.9 37.7 113.1

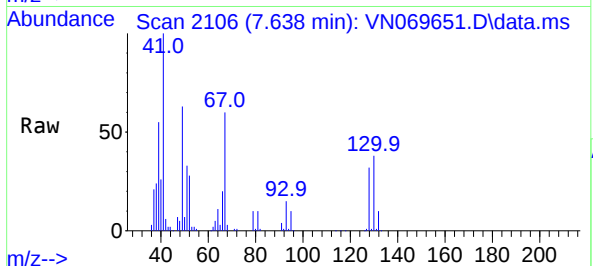
52 27.4 17.1 51.2

Manual Integrations

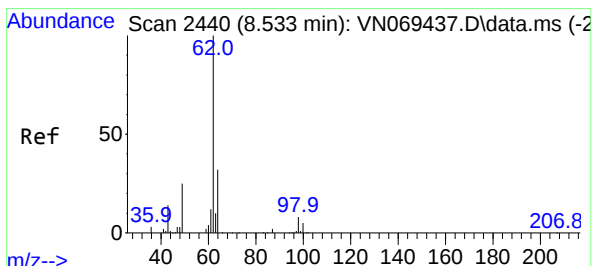
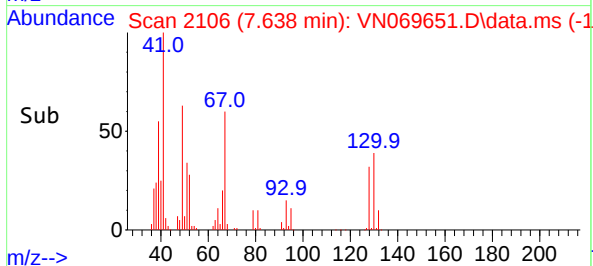
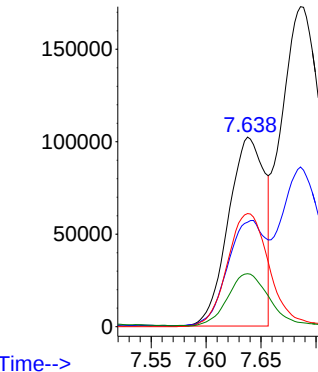
APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



Abundance



#36

1,2-Dichloroethane

Concen: 22.669 ug/l

RT: 8.528 min Scan# 2438

Delta R.T. -0.005 min

Lab File: VN069651.D

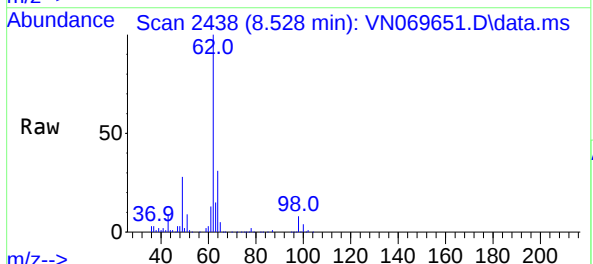
Acq: 26 Nov 2021 11:37

Tgt Ion: 62 Resp: 441242

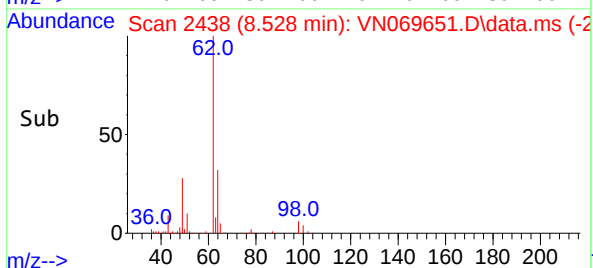
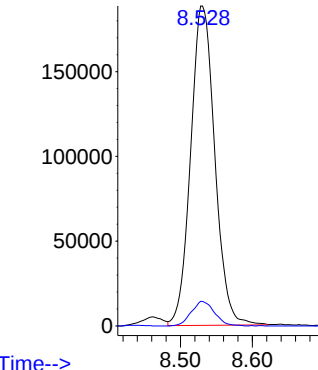
Ion Ratio Lower Upper

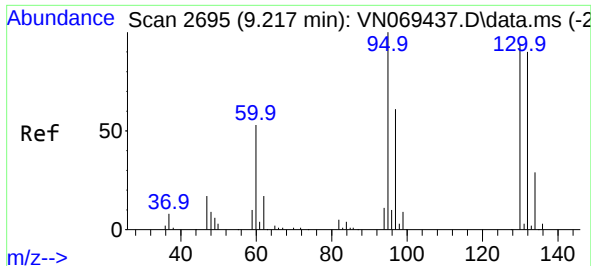
62 100

98 7.4 6.6 10.0



Abundance





#37

Trichloroethene

Concen: 21.622 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069651.D

Acq: 26 Nov 2021 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tgt Ion:130 Resp: 263724

Ion Ratio Lower Upper

130 100

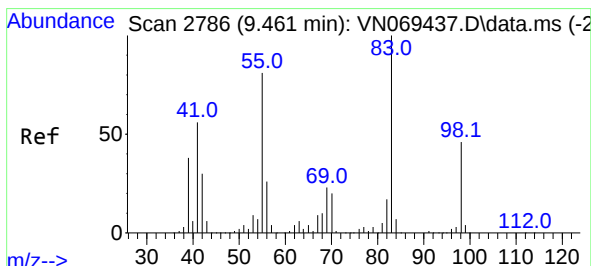
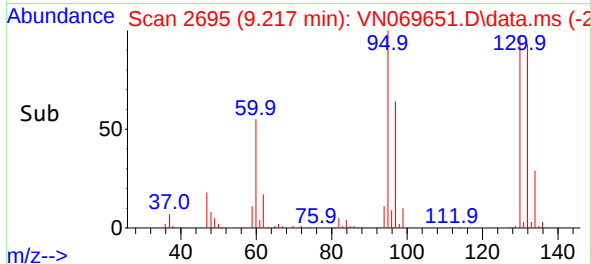
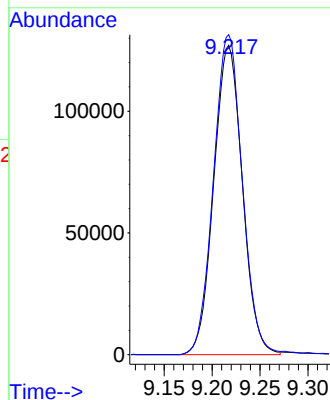
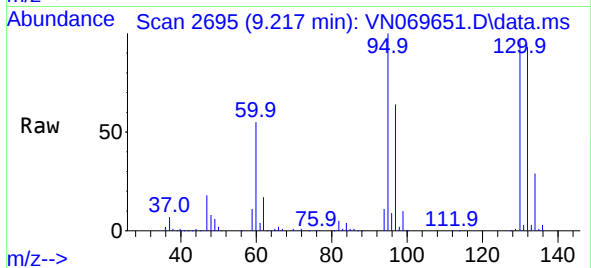
95 103.4 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#38

Methylcyclohexane

Concen: 21.850 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN069651.D

Acq: 26 Nov 2021 11:37

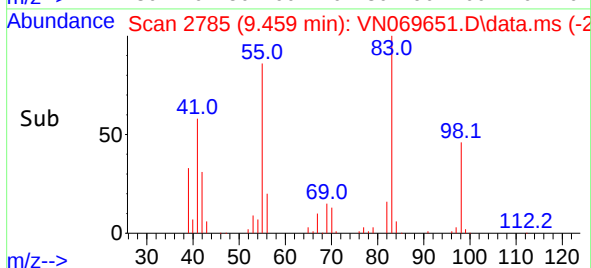
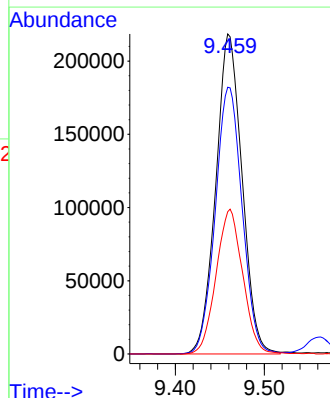
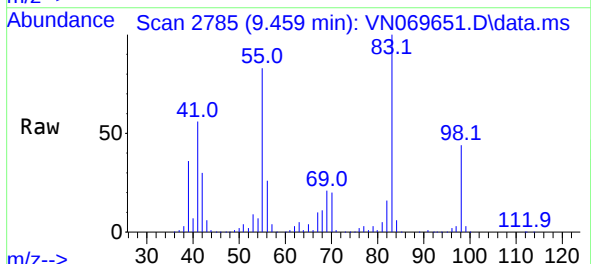
Tgt Ion: 83 Resp: 448792

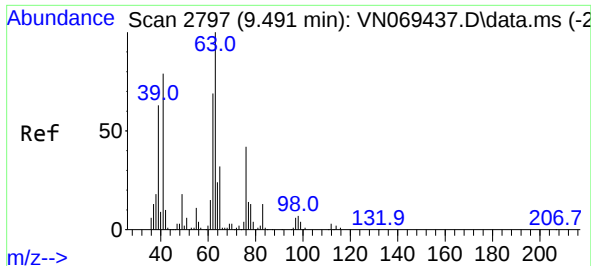
Ion Ratio Lower Upper

83 100

55 85.1 35.1 105.3

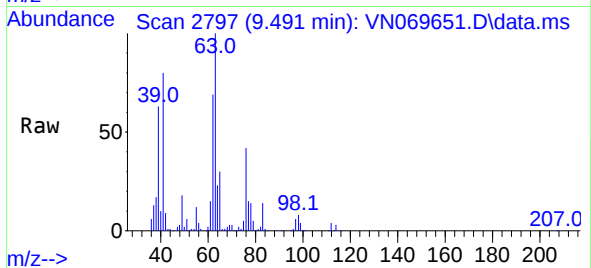
98 45.8 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.963 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

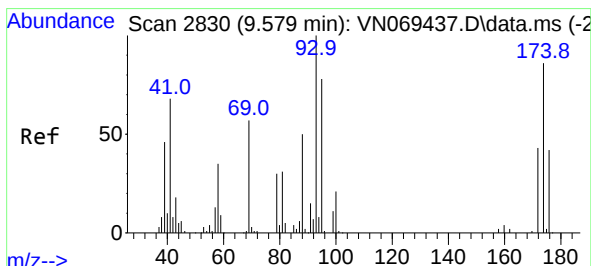
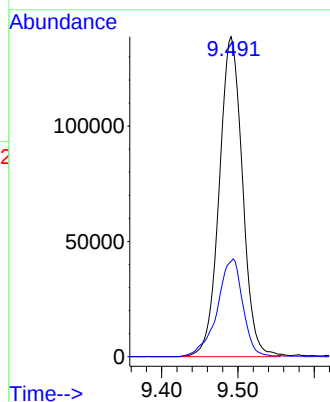
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 63 Resp: 293684
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

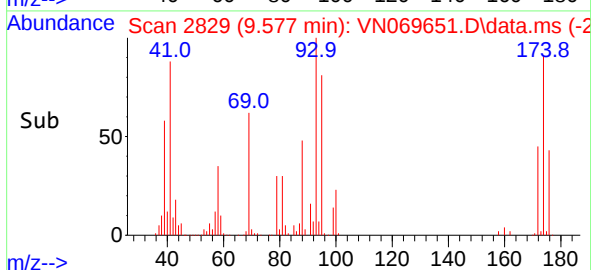
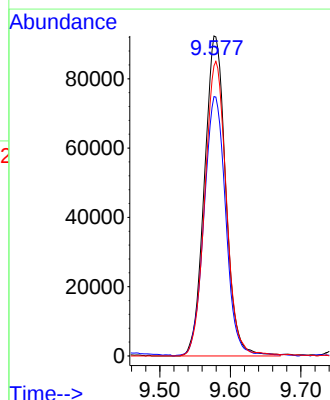
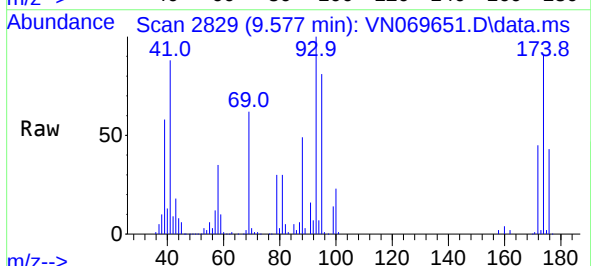
Manual Integrations
APPROVED

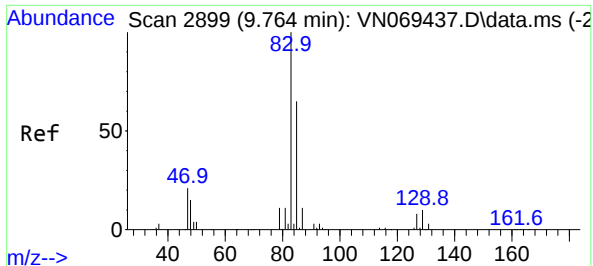
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#40
Dibromomethane
Concen: 21.626 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

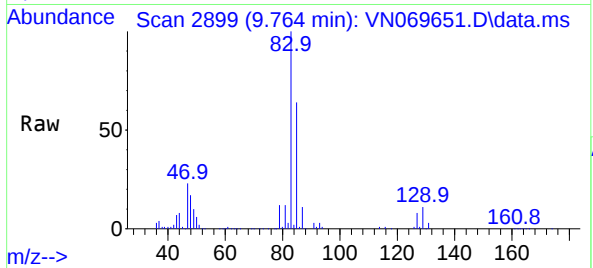
Tgt Ion: 93 Resp: 193664
Ion Ratio Lower Upper
93 100
95 82.1 0.0 168.8
174 92.0 0.0 173.6





#41
Bromodichloromethane
Concen: 21.471 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

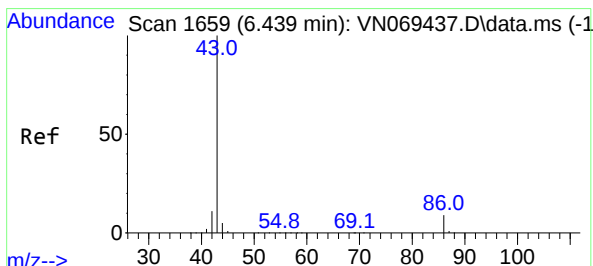
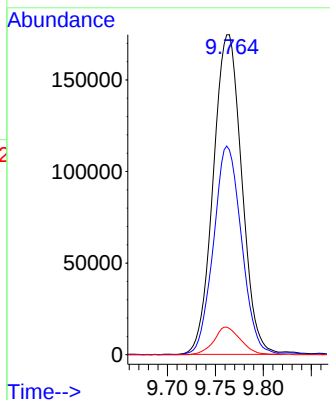
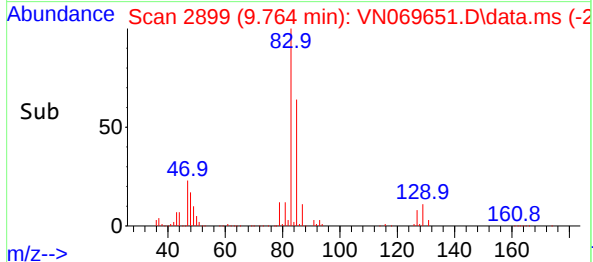
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



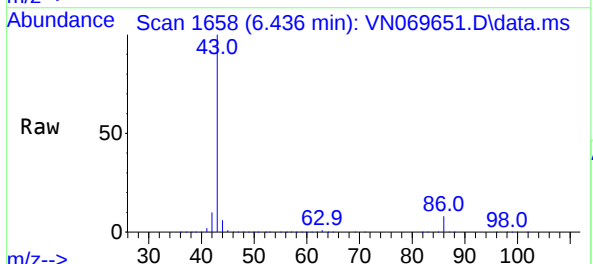
Tgt Ion: 83 Resp: 360910
Ion Ratio Lower Upper
83 100
85 64.0 54.1 81.1
127 8.2 7.6 11.4

Manual Integrations
APPROVED

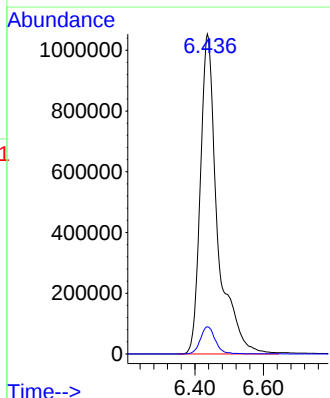
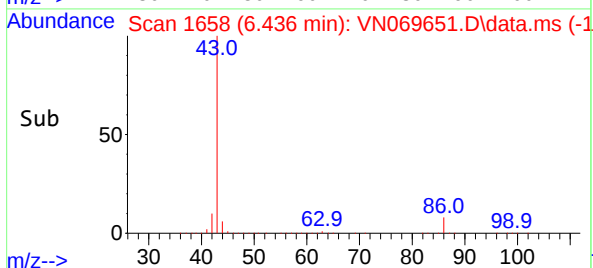
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

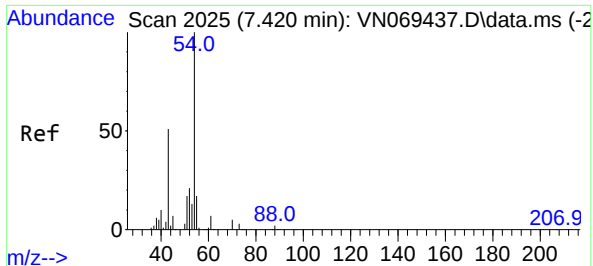


#42
Vinyl Acetate
Concen: 107.961 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



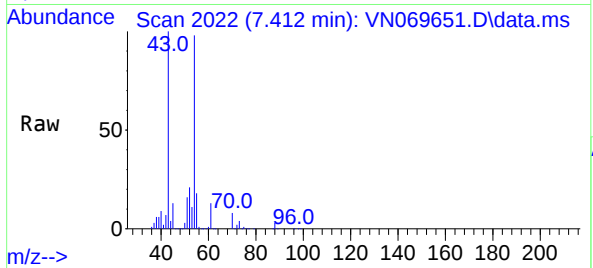
Tgt Ion: 43 Resp: 3666401
Ion Ratio Lower Upper
43 100
86 7.3 7.5 11.3#





#43
Ethyl Acetate
Concen: 21.217 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

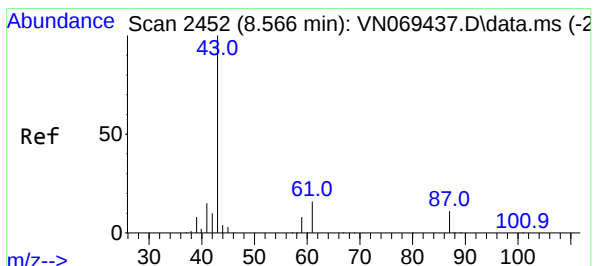
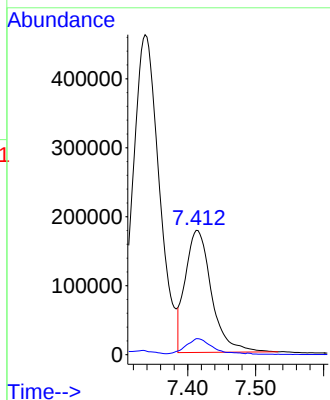
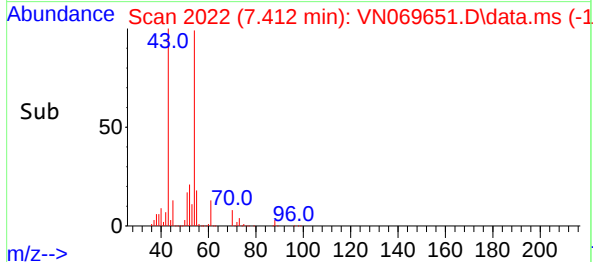
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 43 Resp: 472494
Ion Ratio Lower Upper
43 100
45 11.3 10.6 16.0

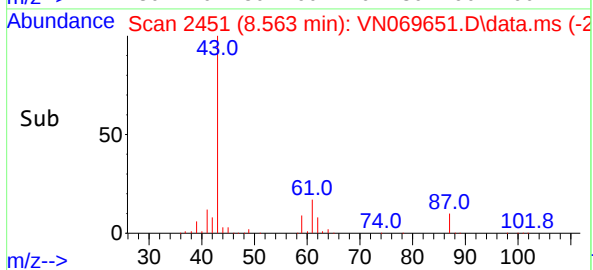
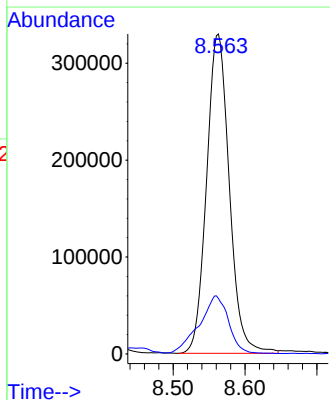
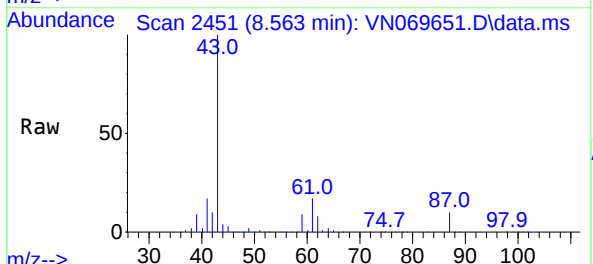
Manual Integrations
APPROVED

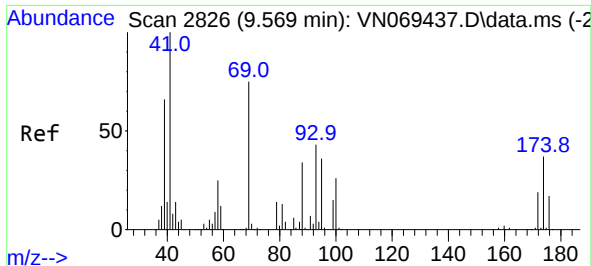
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
Isopropyl Acetate
Concen: 20.843 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

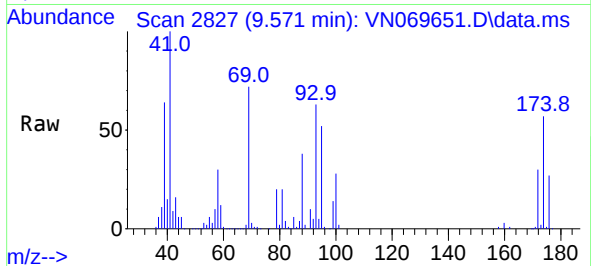
Tgt Ion: 43 Resp: 723652
Ion Ratio Lower Upper
43 100
61 23.1 20.1 30.1





#45
1,4-Dioxane
Concen: 379.657 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

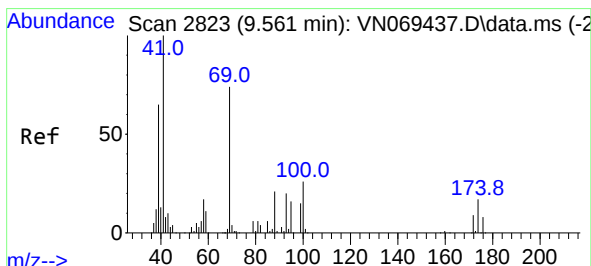
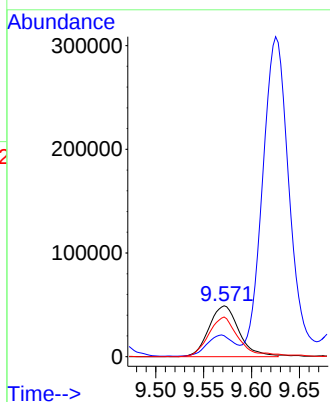
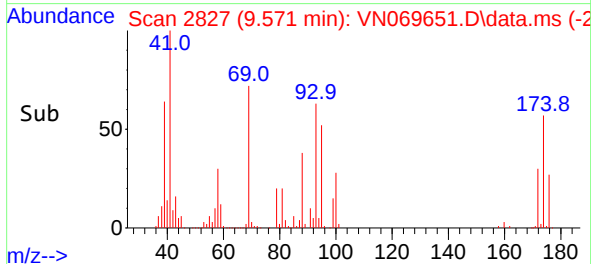
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



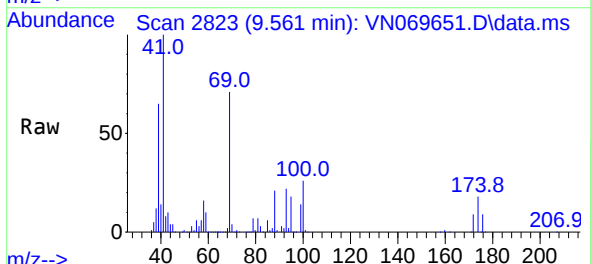
Tgt Ion: 88 Resp: 107000
Ion Ratio Lower Upper
88 100
43 36.9 25.0 37.6
58 74.2 49.4 74.2

Manual Integrations
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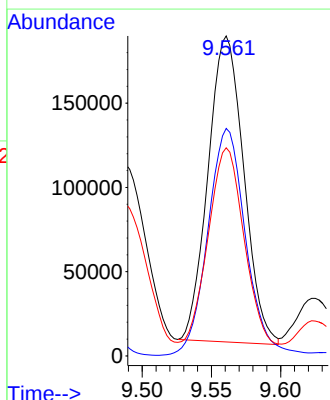
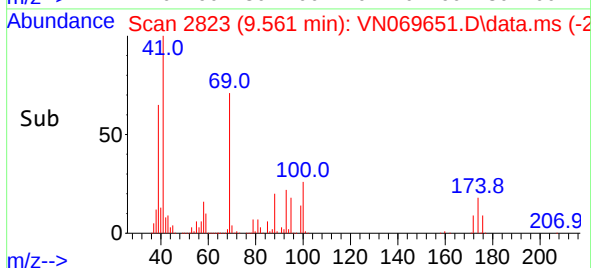
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

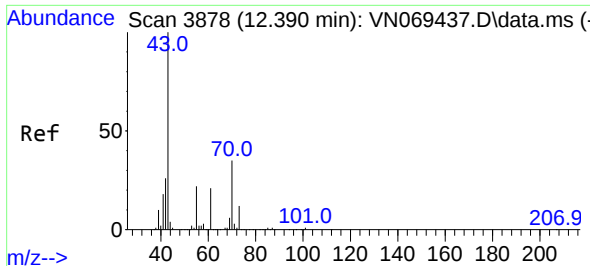


#46
Methyl methacrylate
Concen: 20.364 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



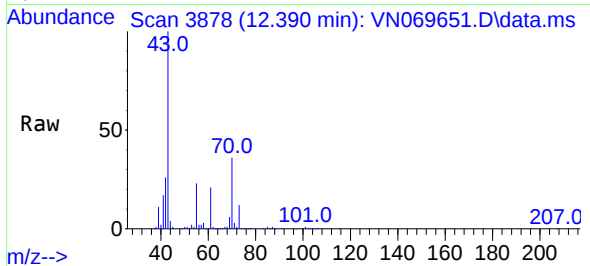
Tgt Ion: 41 Resp: 325634
Ion Ratio Lower Upper
41 100
69 73.3 44.4 133.2
39 64.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.566 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

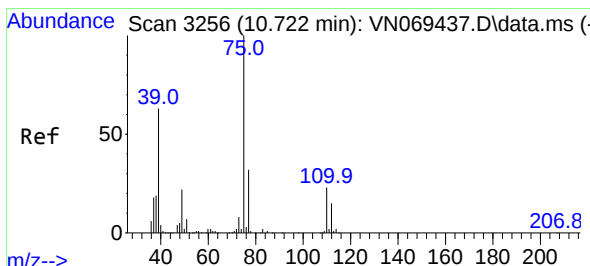
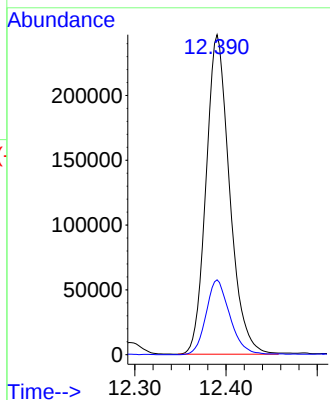
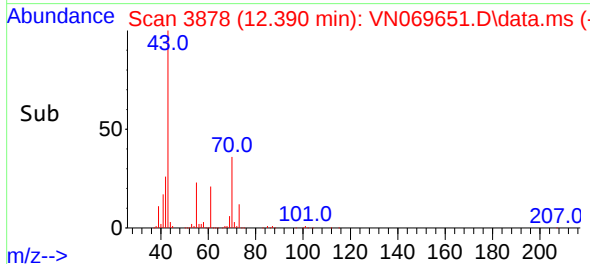
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



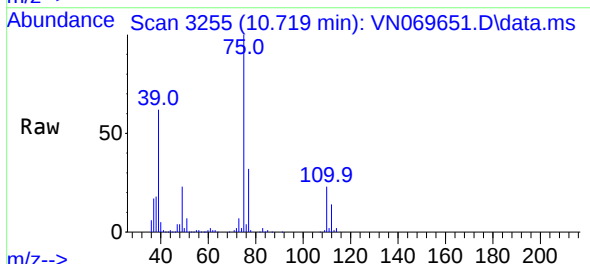
Tgt Ion: 43 Resp: 441663
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.6

Manual Integrations
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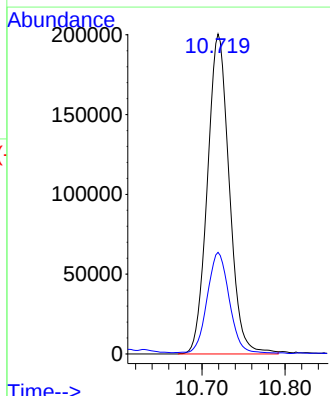
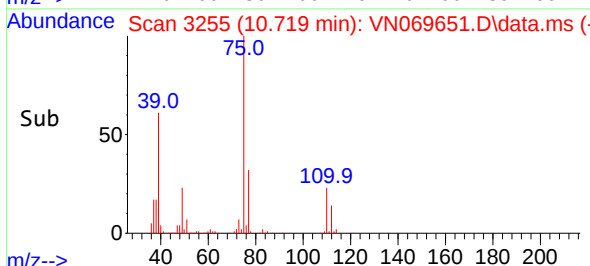
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

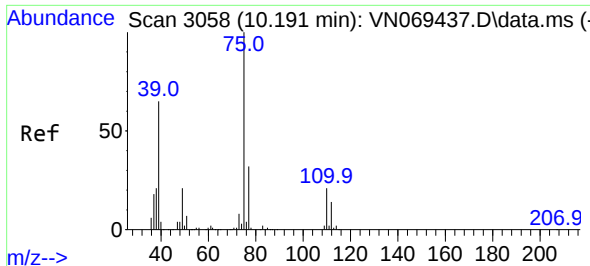


#48
t-1,3-Dichloropropene
Concen: 20.321 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



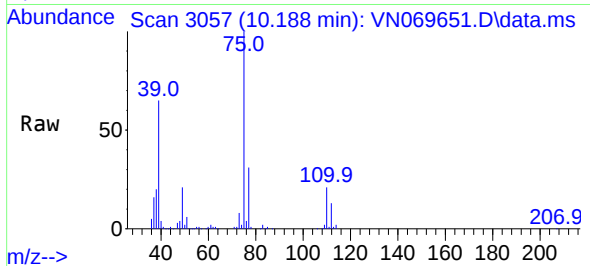
Tgt Ion: 75 Resp: 366563
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 21.141 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37

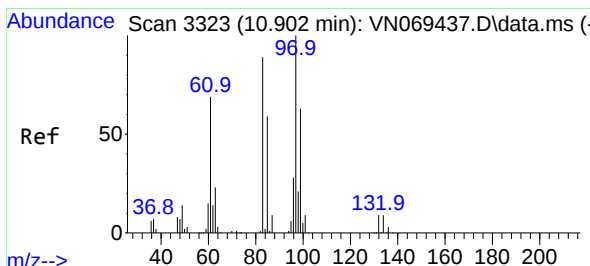
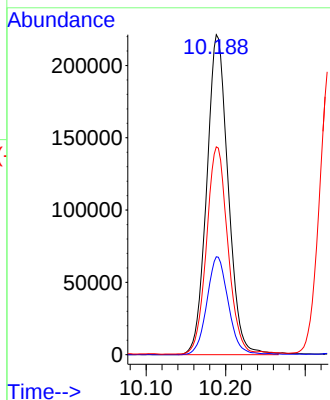
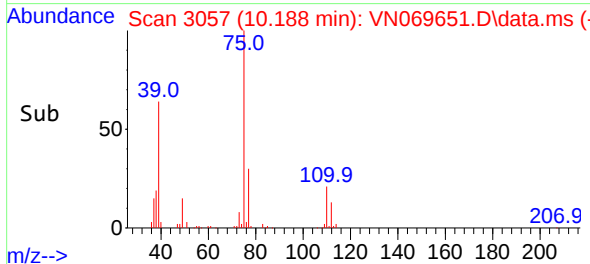
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01



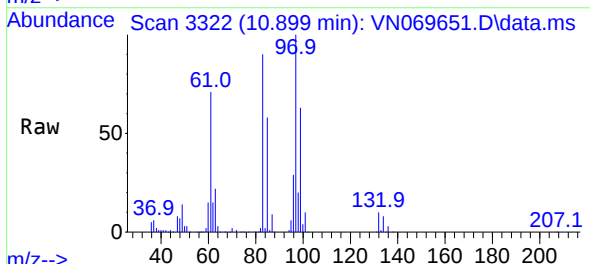
Tgt Ion: 75 Resp: 414992
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 64.7 46.2 69.4

Manual Integrations
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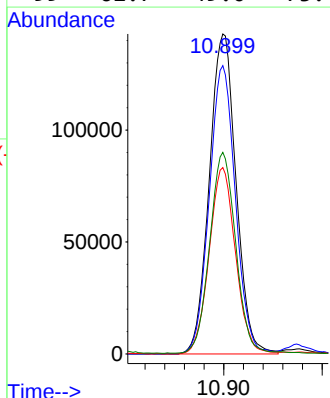
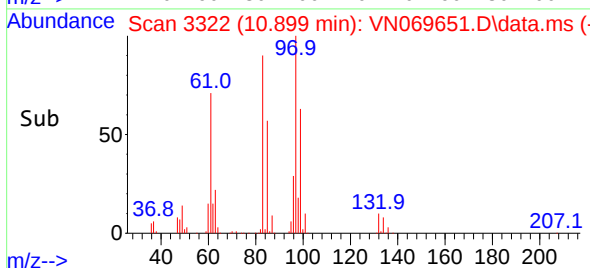
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

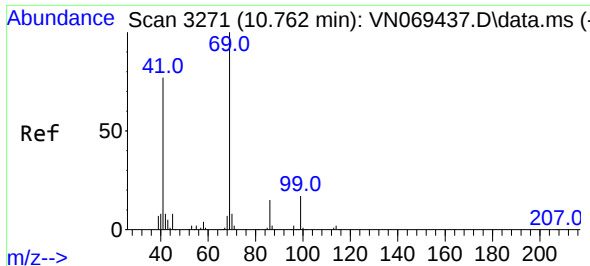


#50
 1,1,2-Trichloroethane
 Concen: 21.249 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37



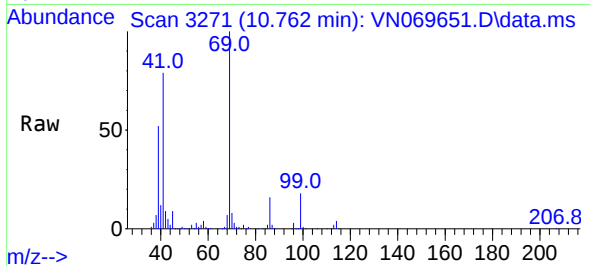
Tgt Ion: 97 Resp: 270224
 Ion Ratio Lower Upper
 97 100
 83 90.1 67.2 100.8
 85 58.3 43.0 64.4
 99 62.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.112 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

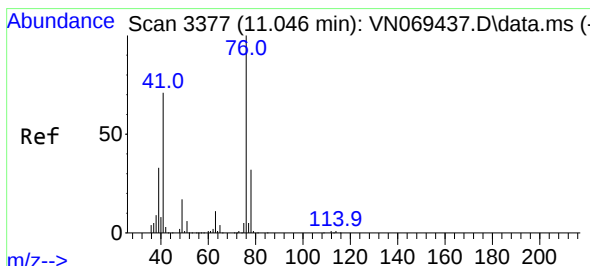
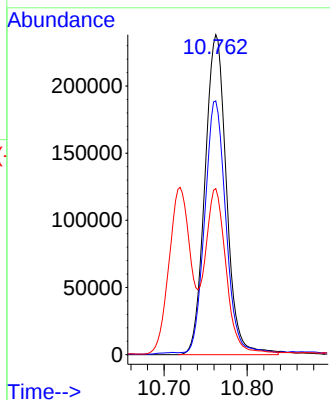
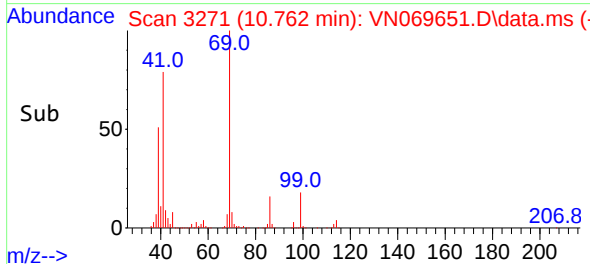
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 69 Resp: 428798
Ion Ratio Lower Upper
69 100
41 78.7 33.0 98.9
39 51.2 25.4 76.4

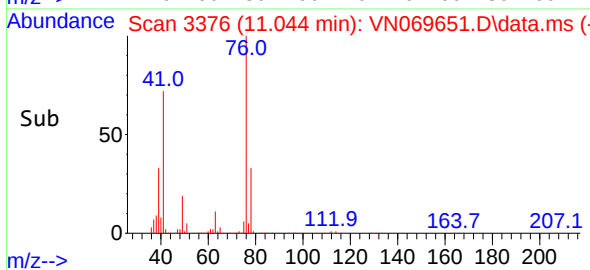
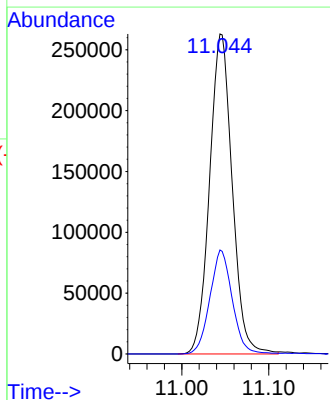
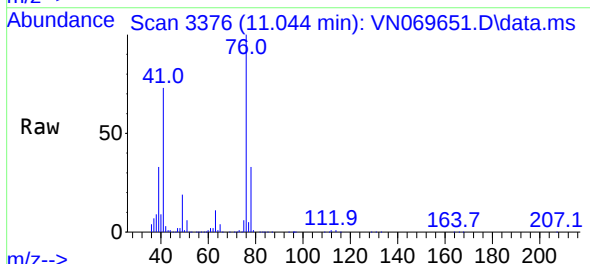
Manual Integrations
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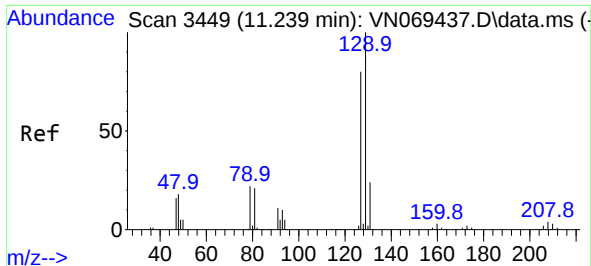
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
1,3-Dichloropropane
Concen: 21.613 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 76 Resp: 474757
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





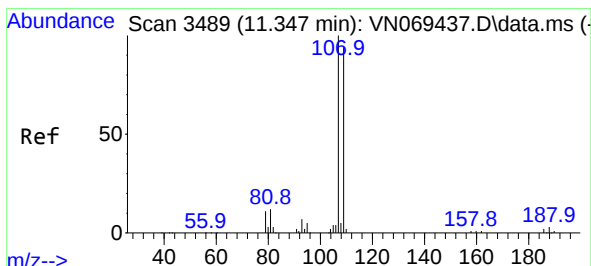
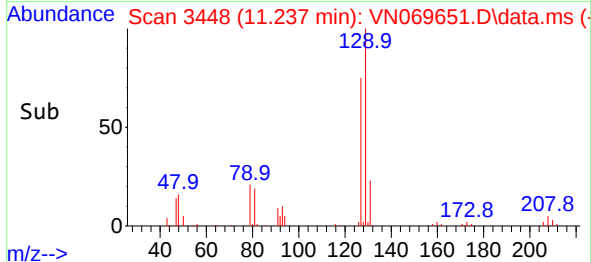
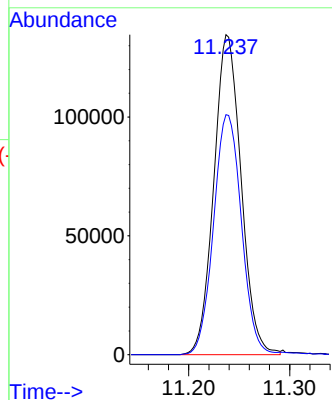
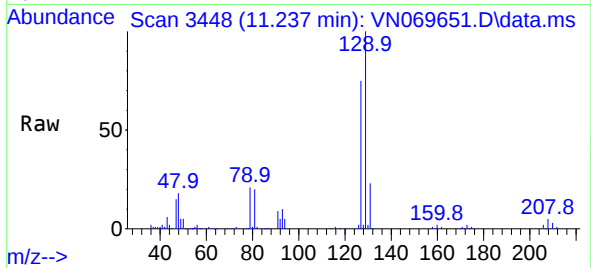
#53
Dibromochloromethane
Concen: 20.774 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:129 Resp: 25244
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

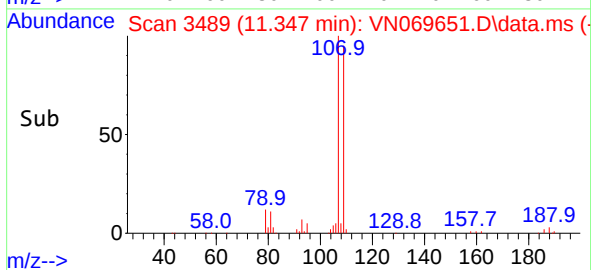
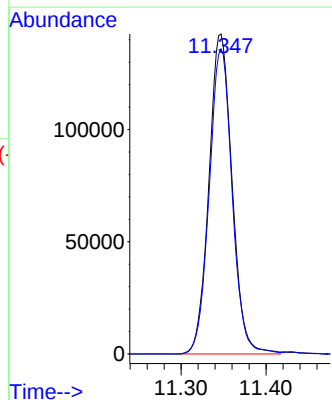
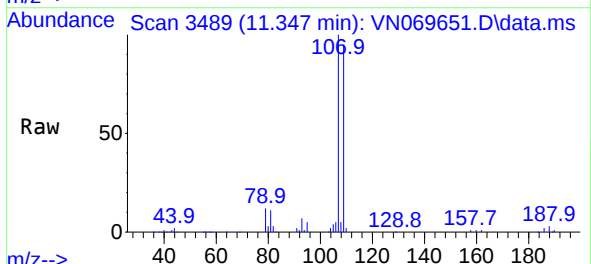
Manual Integrations
APPROVED

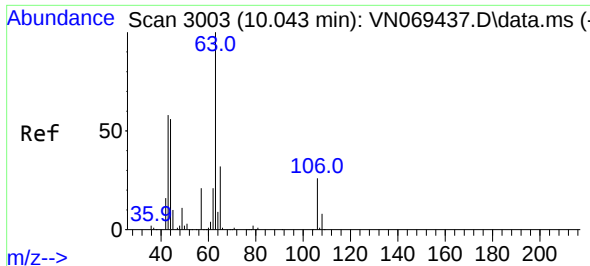
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#54
1,2-Dibromoethane
Concen: 20.477 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion:107 Resp: 269691
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2





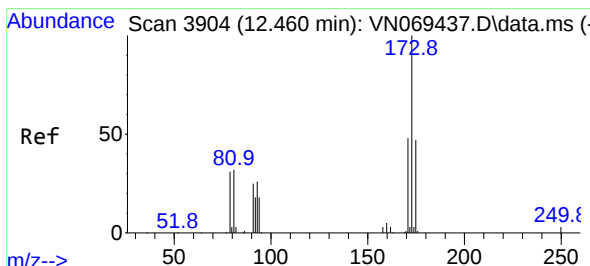
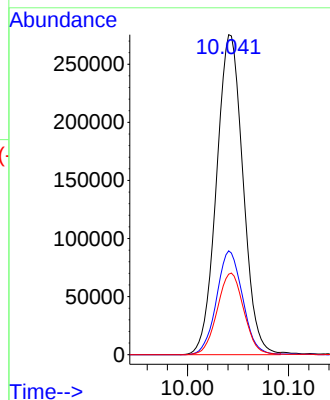
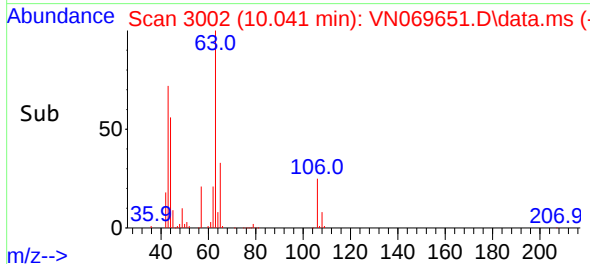
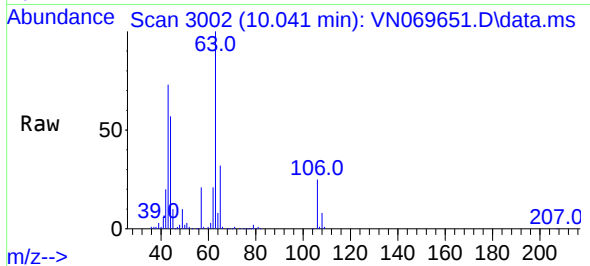
#55
2-Chloroethyl vinyl ether
Concen: 103.362 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 63 Resp: 50128
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 25.6 23.2 34.8

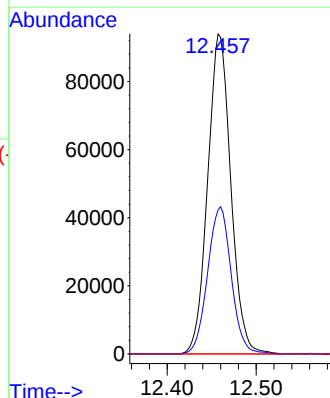
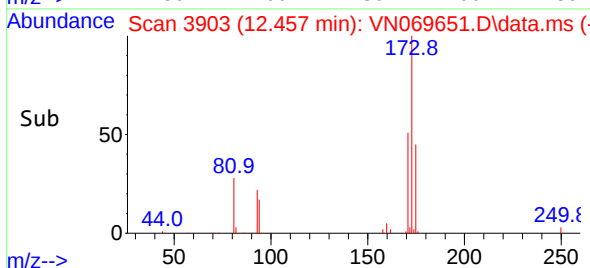
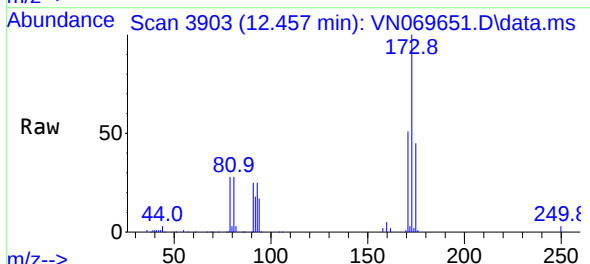
Manual Integrations
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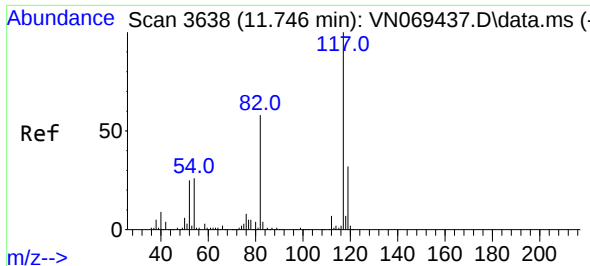
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
Bromoform
Concen: 19.470 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion:173 Resp: 169667
Ion Ratio Lower Upper
173 100
175 47.0 38.6 58.0
254 0.0 0.0 0.0





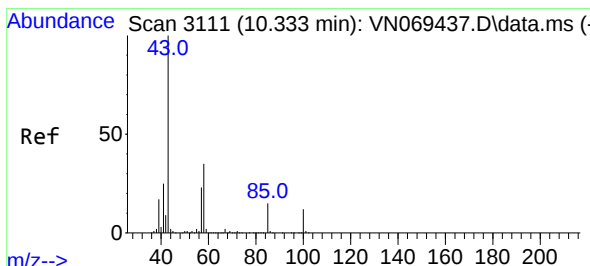
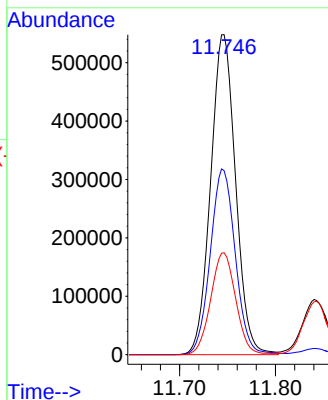
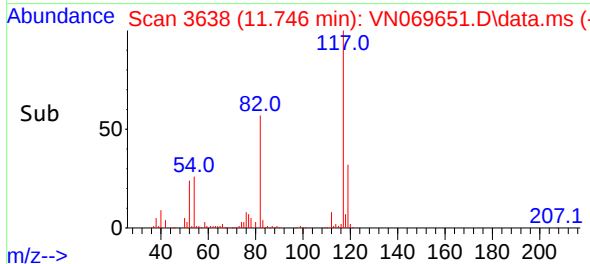
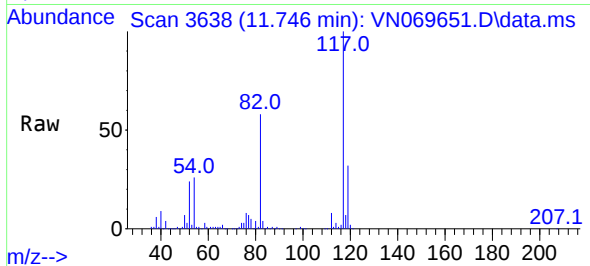
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 117 Resp: 99082
Ion Ratio Lower Upper
117 100
82 58.2 43.6 65.4
119 32.0 25.8 38.6

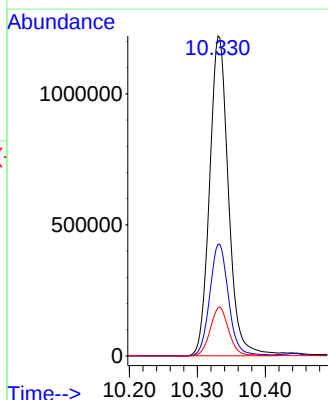
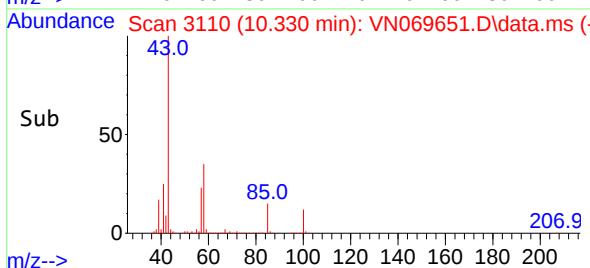
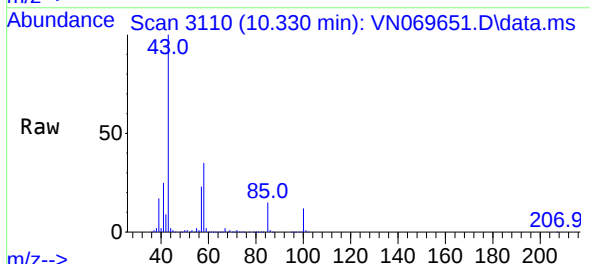
Manual Integrations
APPROVED

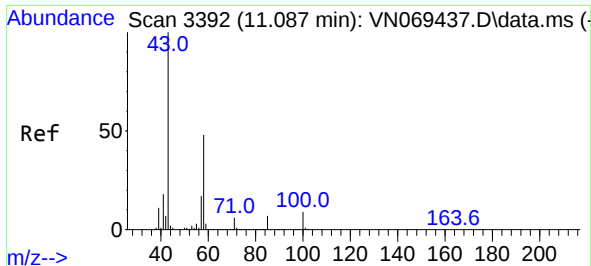
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#58
4-Methyl-2-Pentanone
Concen: 108.171 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

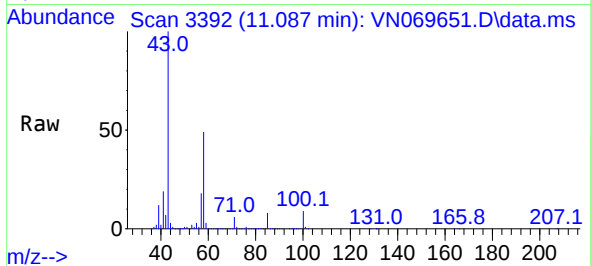
Tgt Ion: 43 Resp: 2352640
Ion Ratio Lower Upper
43 100
58 34.9 30.0 45.0
85 14.9 15.0 22.6





#59
2-Hexanone
Concen: 99.632 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

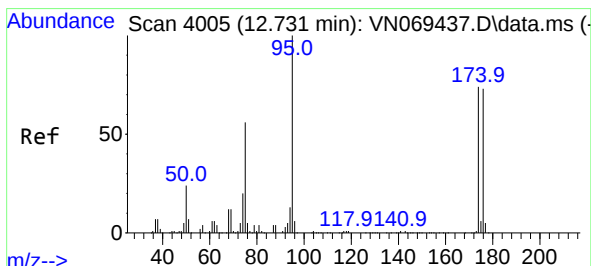
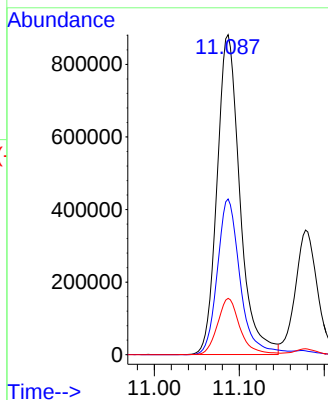
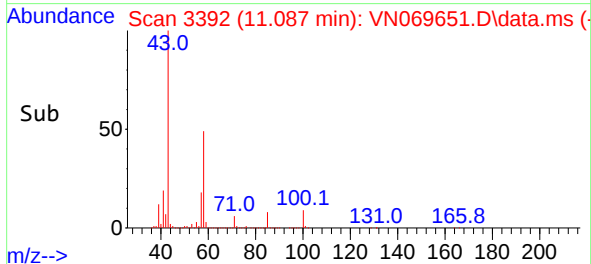
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



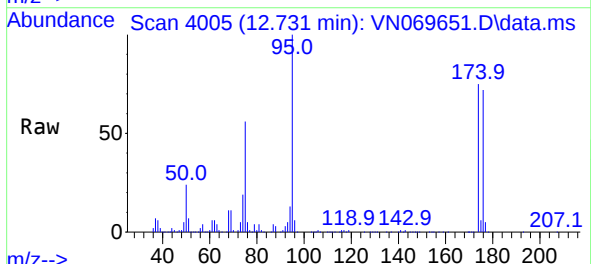
Tgt Ion: 43 Resp: 1648309
Ion Ratio Lower Upper
43 100
58 48.6 42.2 63.2
57 17.5 15.0 22.4

Manual Integrations
APPROVED

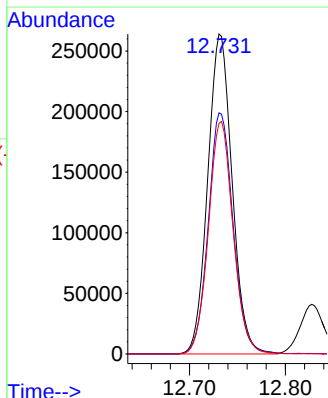
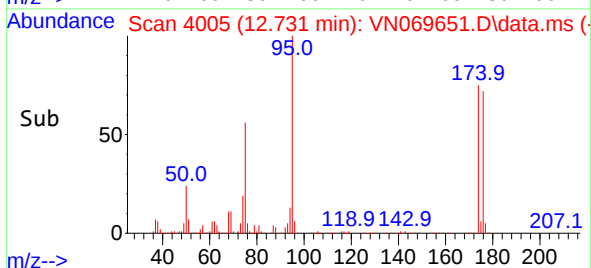
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

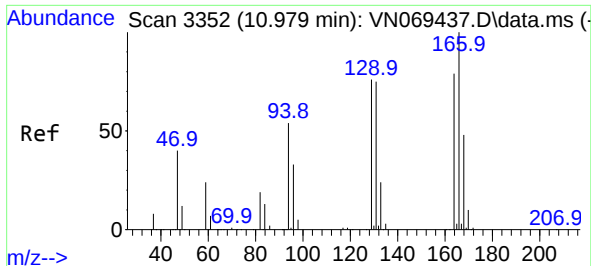


#60
4-Bromofluorobenzene
Concen: 29.421 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



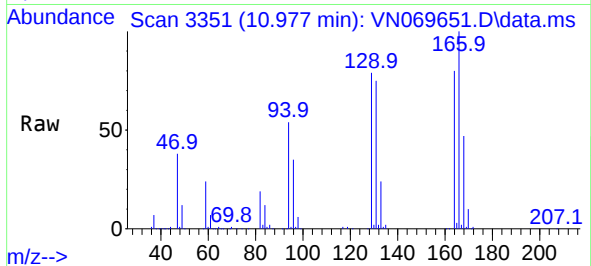
Tgt Ion: 95 Resp: 466498
Ion Ratio Lower Upper
95 100
174 76.8 62.9 94.3
176 73.4 61.0 91.4





#61
Tetrachloroethene
Concen: 23.321 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

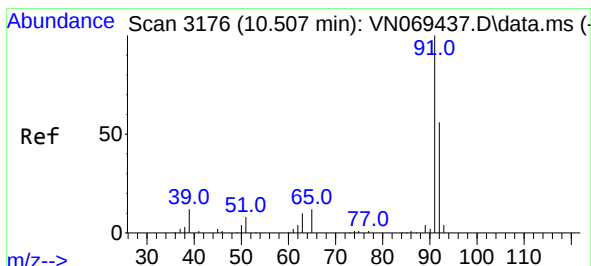
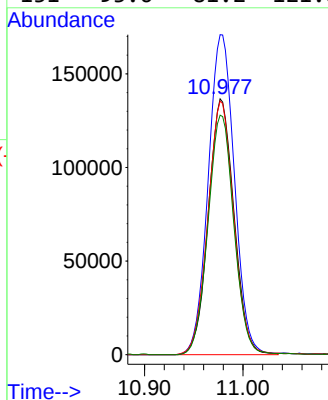
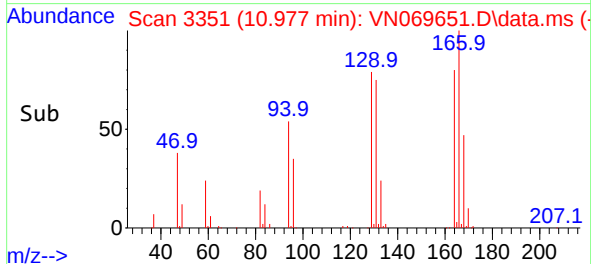
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



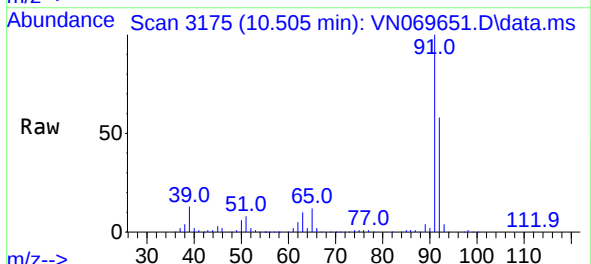
Tgt Ion:164 Resp: 248000
Ion Ratio Lower Upper
164 100
166 124.9 105.8 158.8
129 98.9 82.5 123.7
131 93.6 81.2 121.8

Manual Integrations
APPROVED

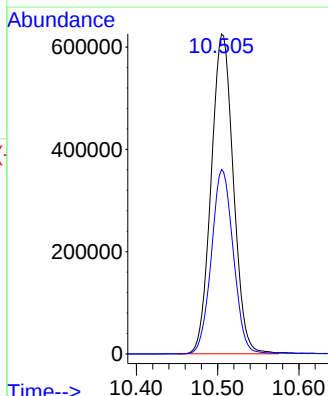
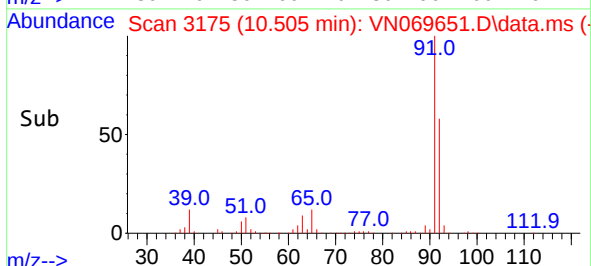
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

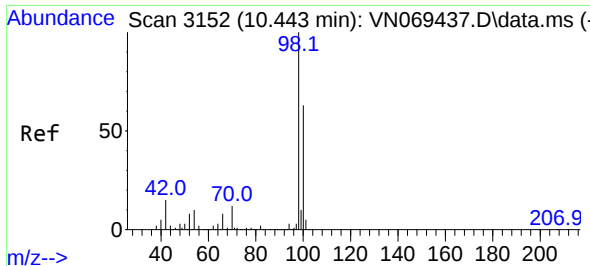


#62
Toluene
Concen: 21.818 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



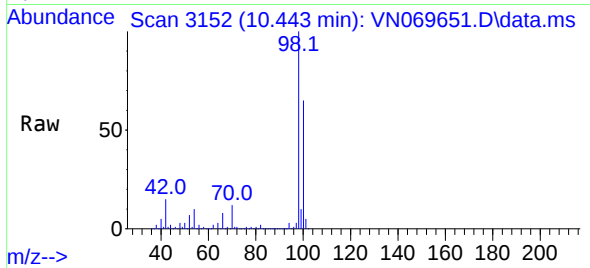
Tgt Ion: 91 Resp: 1187906
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0





#63
Toluene-d8
Concen: 30.224 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

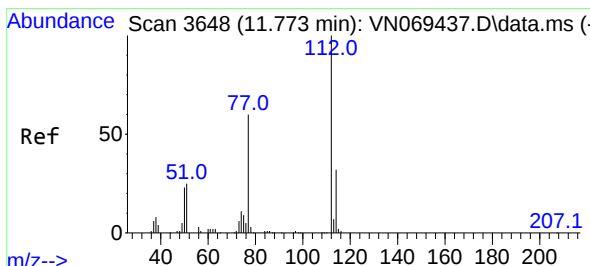
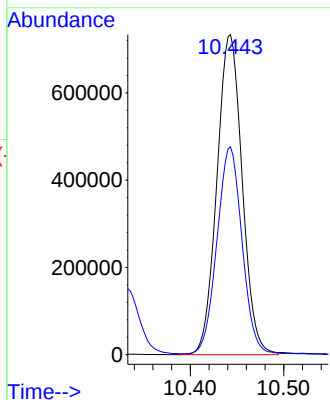
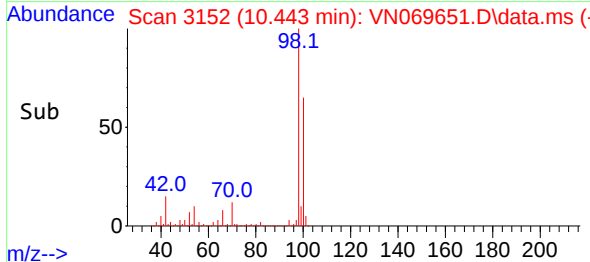
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



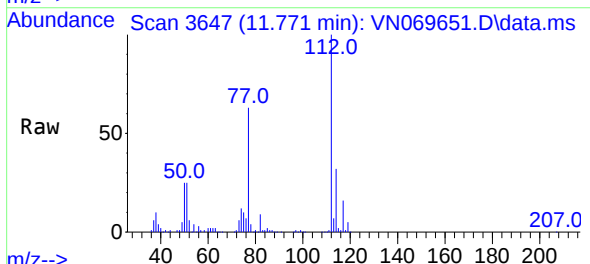
Tgt Ion: 98 Resp: 1382734
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

Manual Integrations
APPROVED

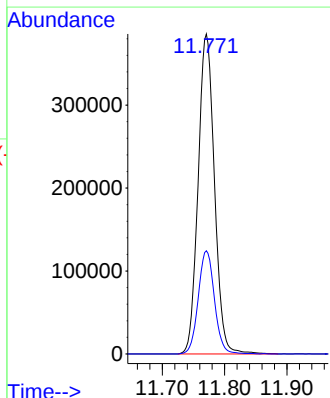
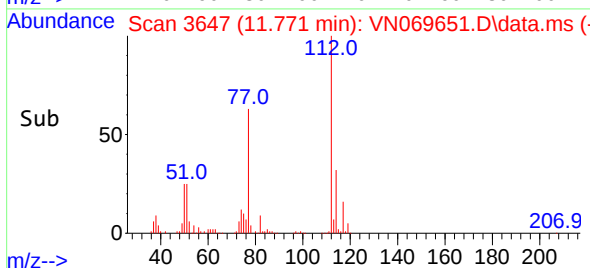
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

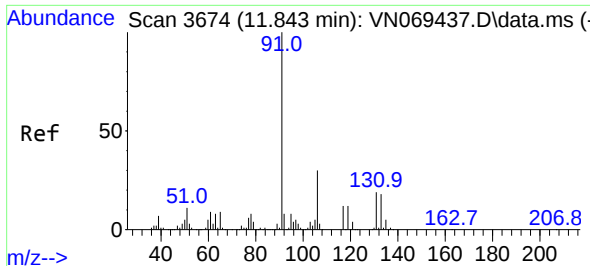


#64
Chlorobenzene
Concen: 21.521 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion:112 Resp: 703010
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





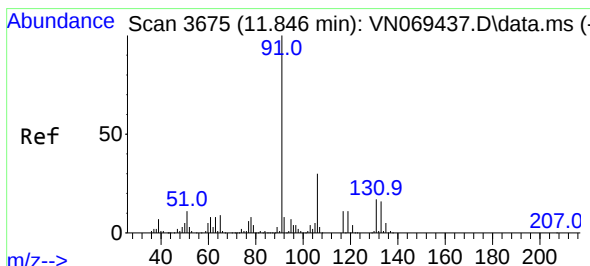
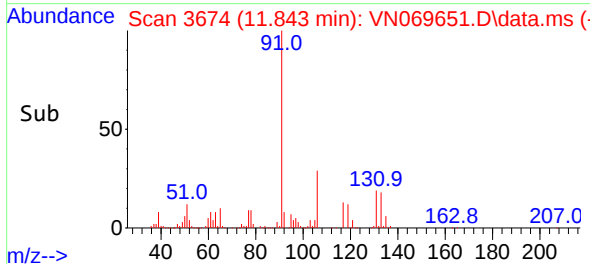
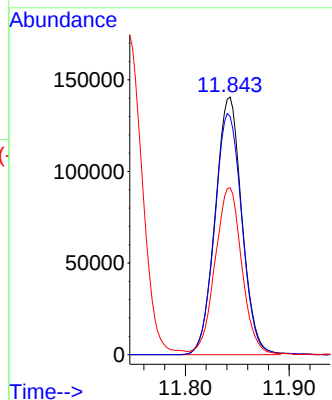
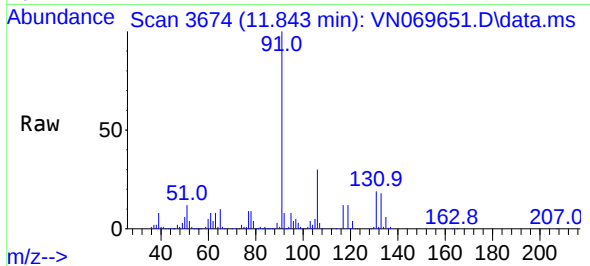
#65
1,1,1,2-Tetrachloroethane
Concen: 21.893 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:131 Resp: 251778
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 64.1 0.0 128.8

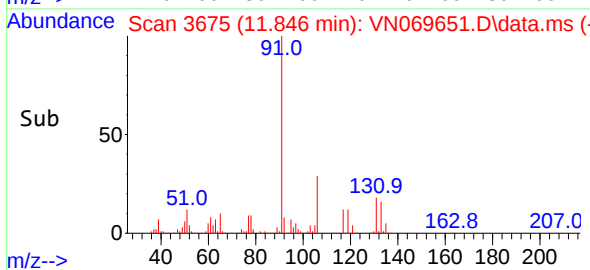
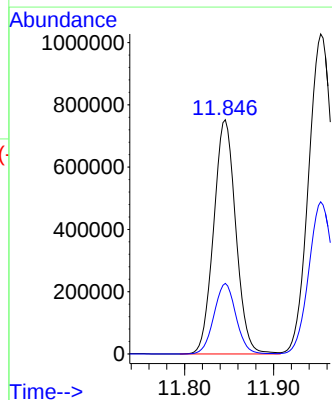
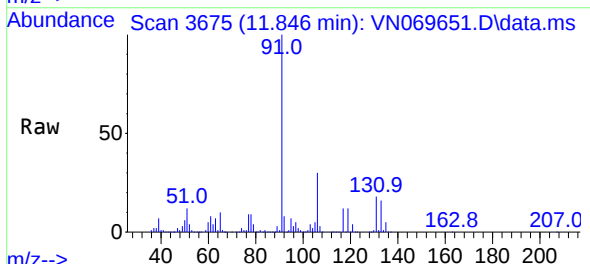
Manual Integrations
APPROVED

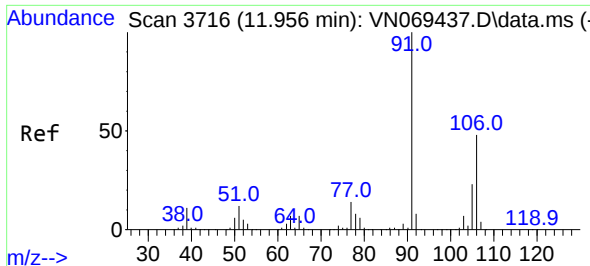
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#66
Ethyl Benzene
Concen: 21.566 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 91 Resp: 1299720
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





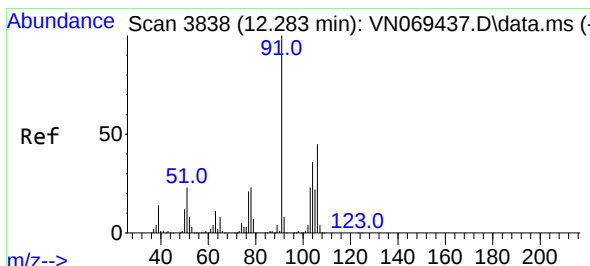
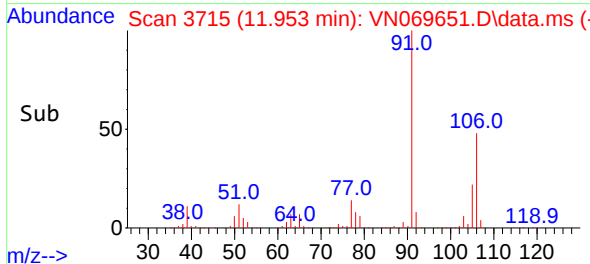
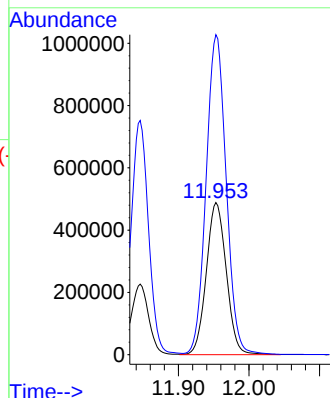
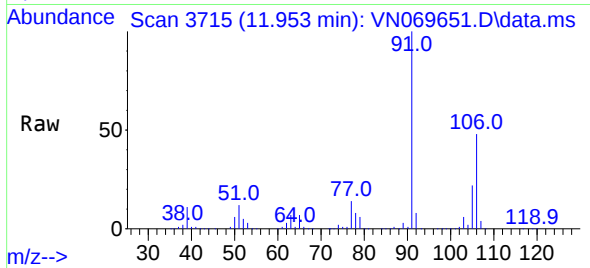
#67
m/p-Xylenes
Concen: 42.910 ug/l
RT: 11.953 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:106 Resp: 960480
Ion Ratio Lower Upper
106 100
91 211.3 162.9 244.3

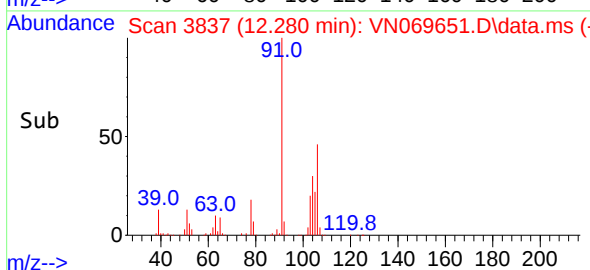
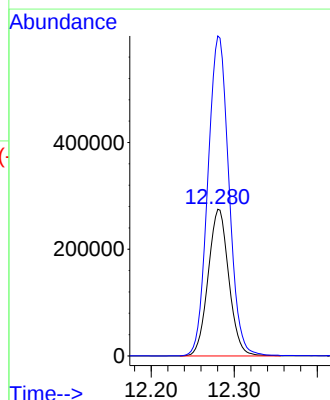
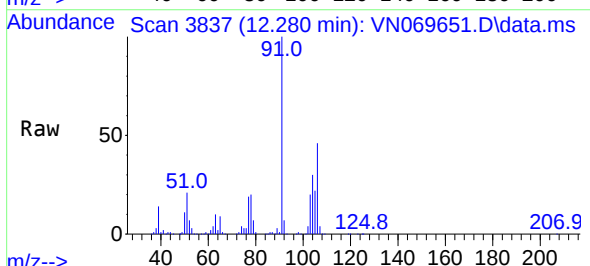
Manual Integrations
APPROVED

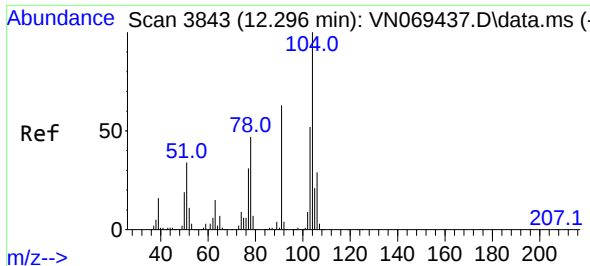
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#68
o-Xylene
Concen: 21.207 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

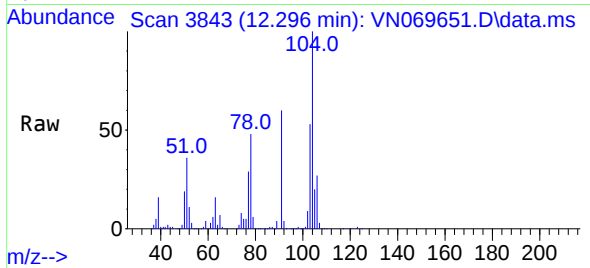
Tgt Ion:106 Resp: 475292
Ion Ratio Lower Upper
106 100
91 221.8 107.7 323.1





#69
Styrene
Concen: 20.496 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

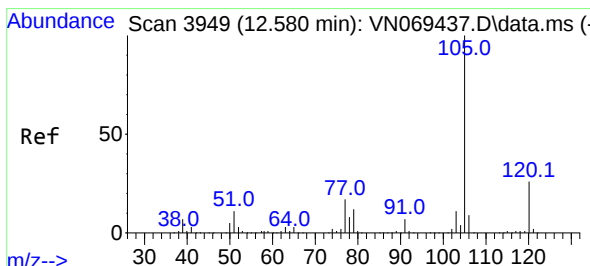
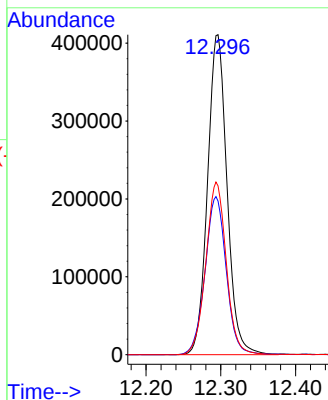
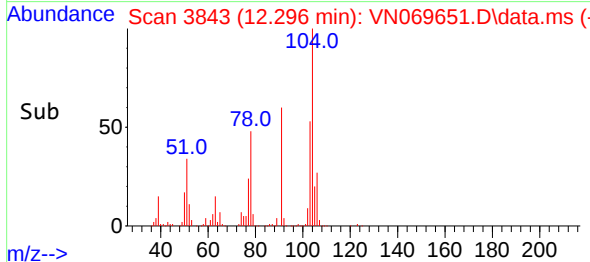
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



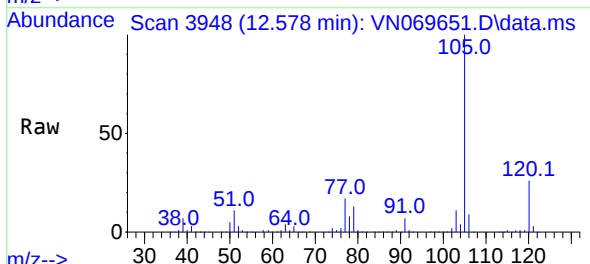
Tgt Ion:104 Resp: 74475
Ion Ratio Lower Upper
104 100
78 53.6 40.7 61.1
103 56.6 45.8 68.8

Manual Integrations
APPROVED

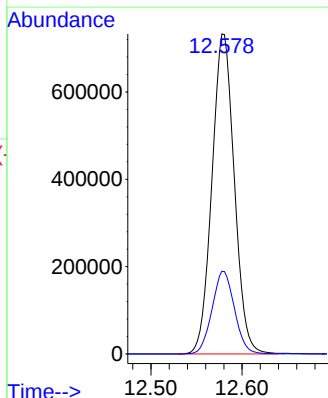
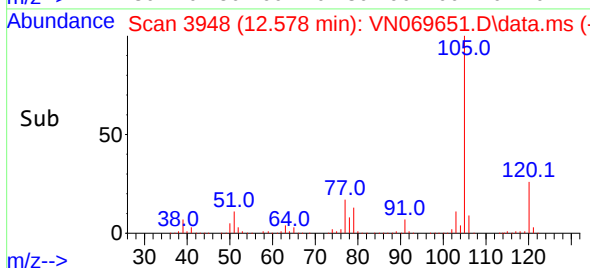
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

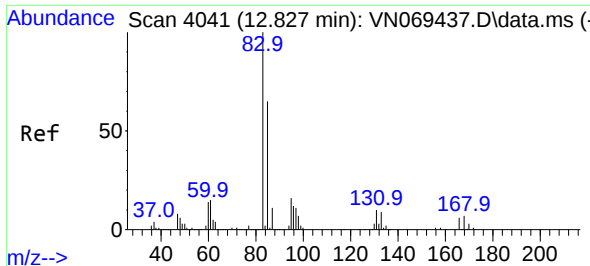


#70
Isopropylbenzene
Concen: 21.304 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion:105 Resp: 1248687
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





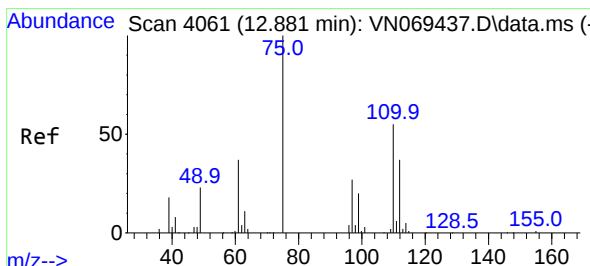
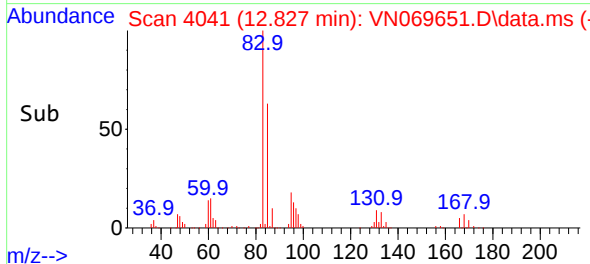
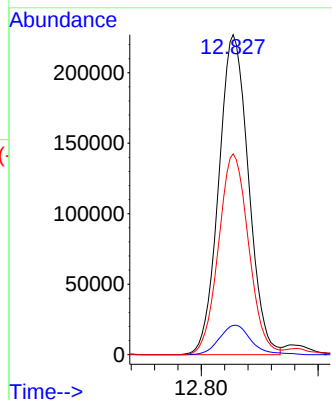
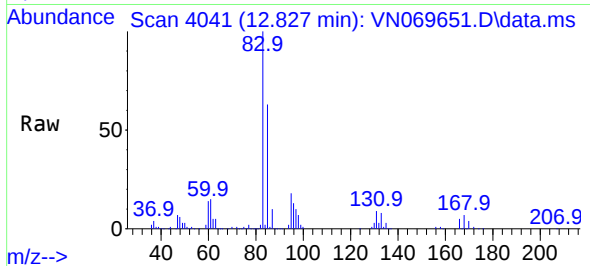
#71
1,1,2,2-Tetrachloroethane
Concen: 20.797 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 83 Resp: 40224
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 63.4 33.1 99.2

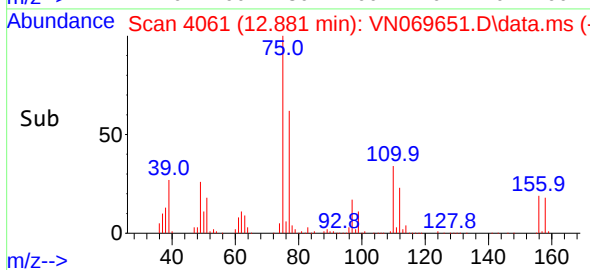
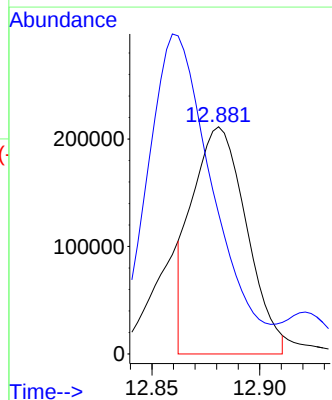
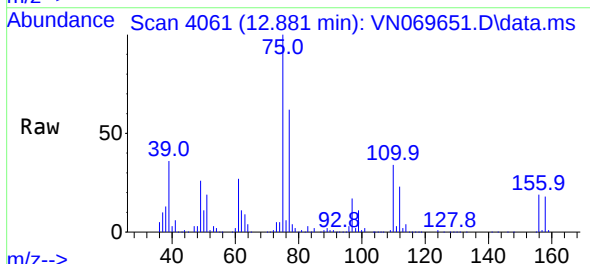
Manual Integrations
APPROVED

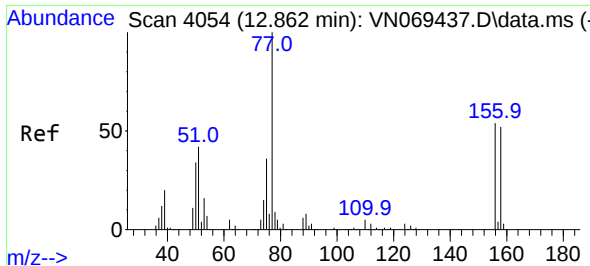
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#72
1,2,3-Trichloropropane
Concen: 19.586 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

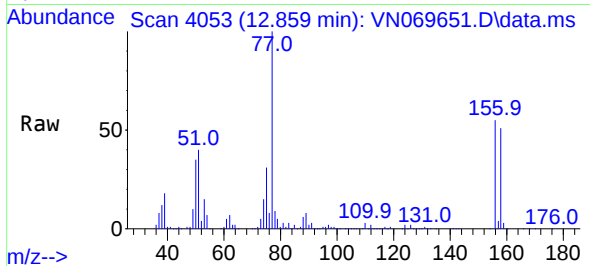
Tgt Ion: 75 Resp: 369033
Ion Ratio Lower Upper
75 100
77 170.1 0.0 378.0





#73
Bromobenzene
Concen: 21.119 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

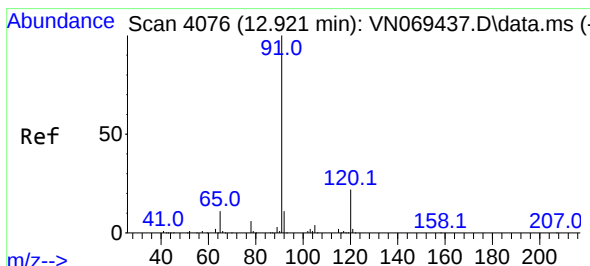
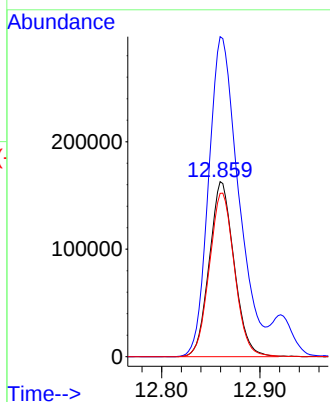
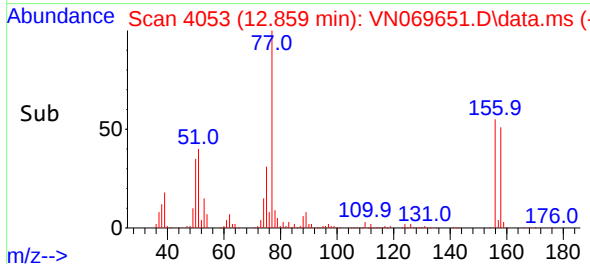
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



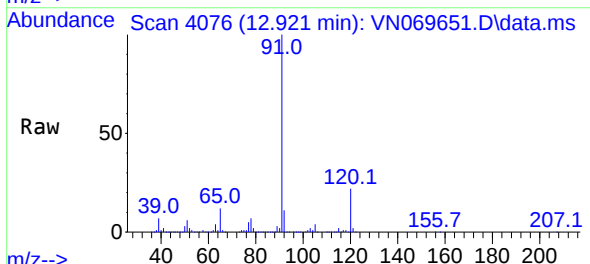
Tgt Ion:156 Resp: 28535
Ion Ratio Lower Upper
156 100
77 220.0 0.0 416.0
158 94.7 0.0 195.4

Manual Integrations
APPROVED

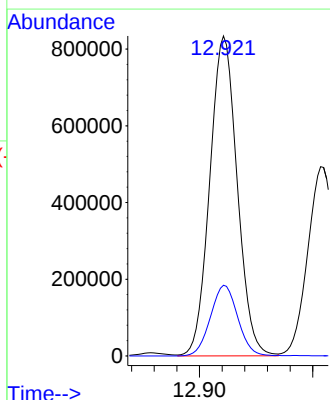
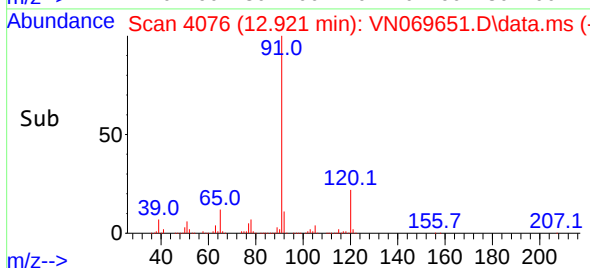
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

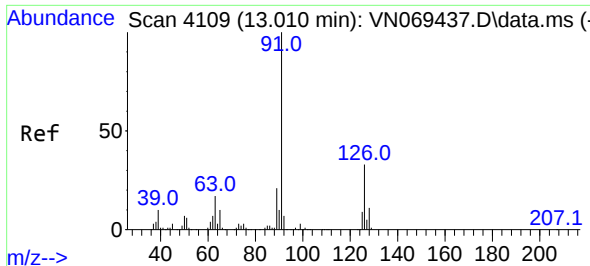


#74
n-propylbenzene
Concen: 20.815 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion: 91 Resp: 1401200
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0





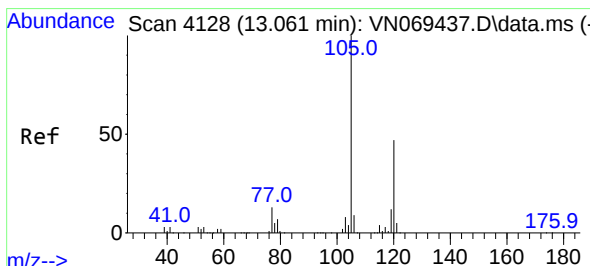
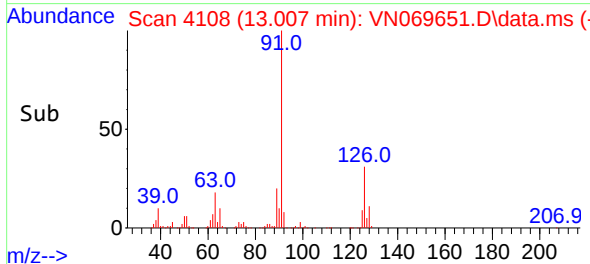
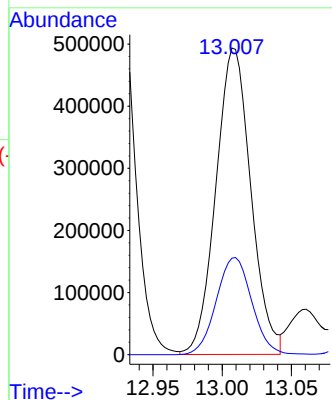
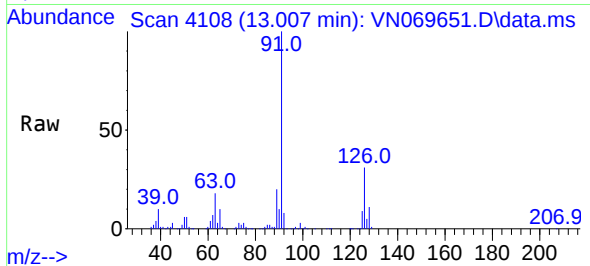
#75
2-Chlorotoluene
Concen: 21.158 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 91 Resp: 867022
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

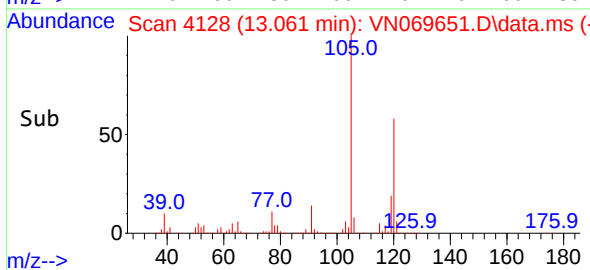
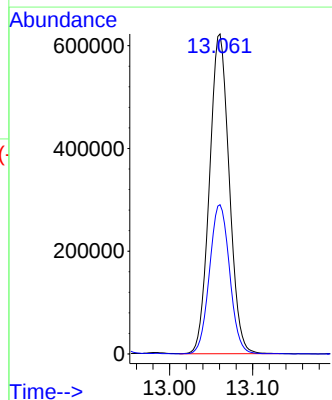
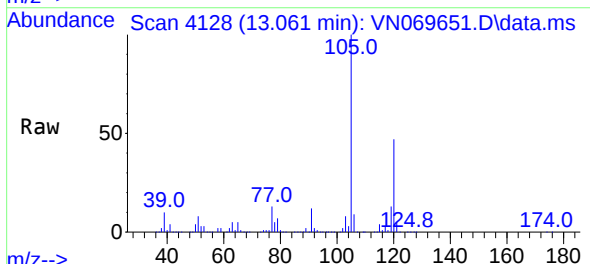
Manual Integrations
APPROVED

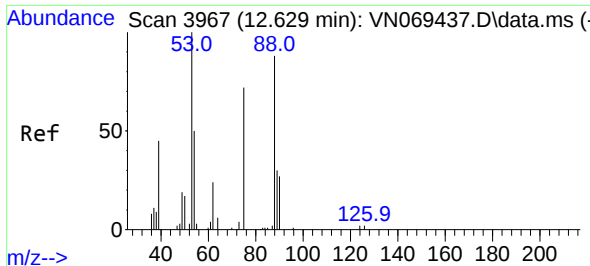
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.316 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion:105 Resp: 1025487
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.8





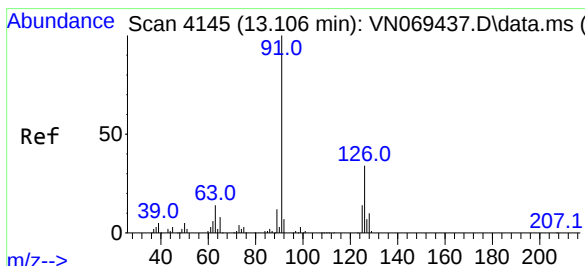
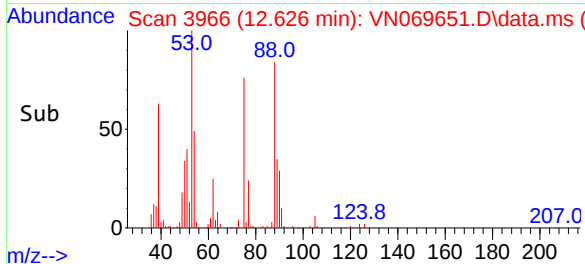
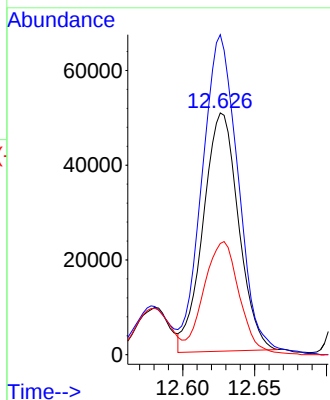
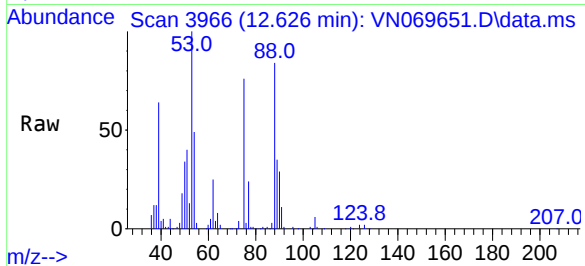
#77
t-1,4-Dichloro-2-butene
Concen: 16.884 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 75 Resp: 85872
Ion Ratio Lower Upper
75 100
53 132.3 51.8 155.5
89 46.1 22.9 68.7

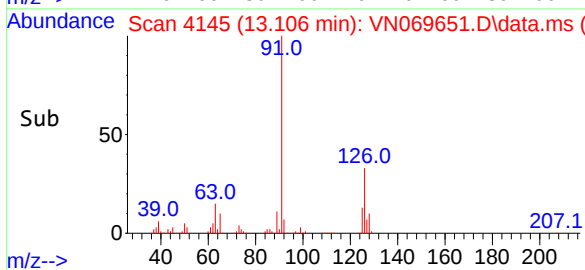
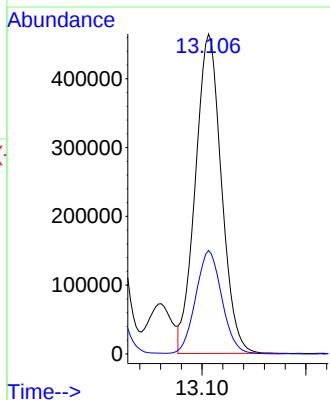
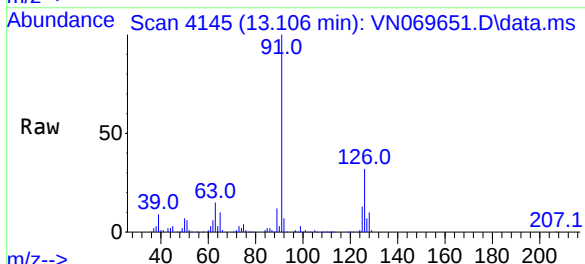
Manual Integrations
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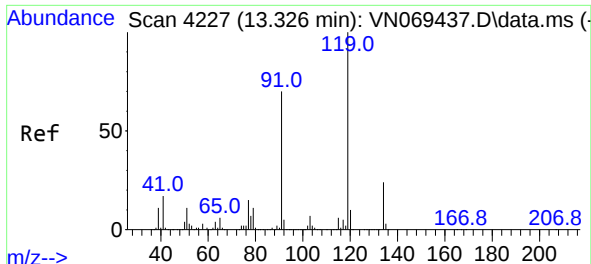
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#78
4-Chlorotoluene
Concen: 20.580 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion: 91 Resp: 807623
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





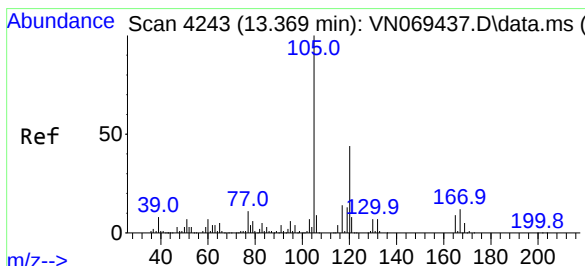
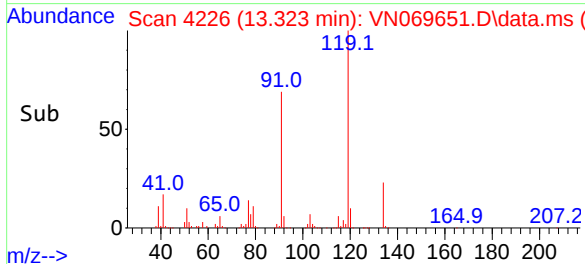
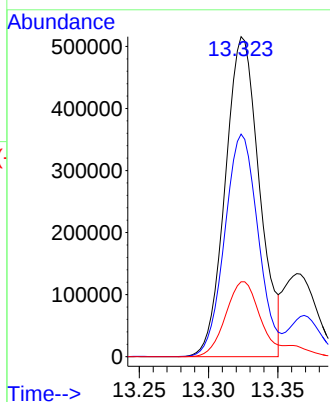
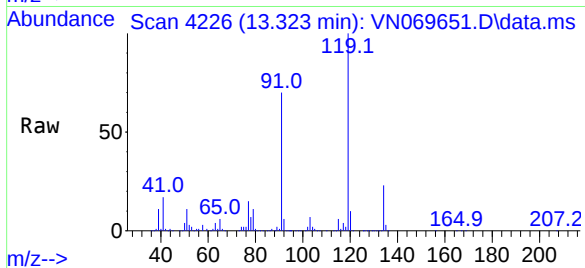
#79
tert-butylbenzene
Concen: 20.913 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:119 Resp: 88501
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 23.7 0.0 47.6

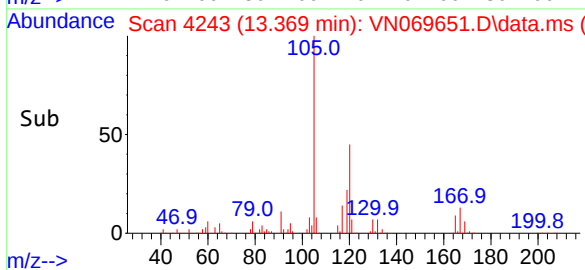
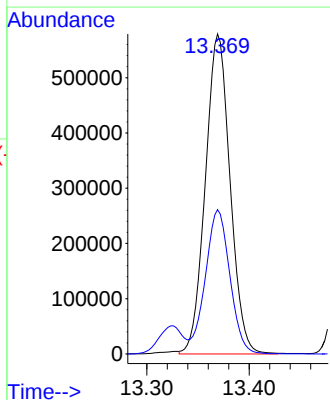
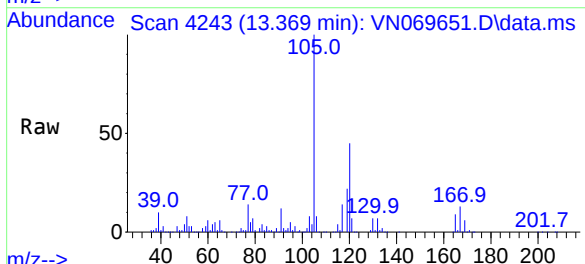
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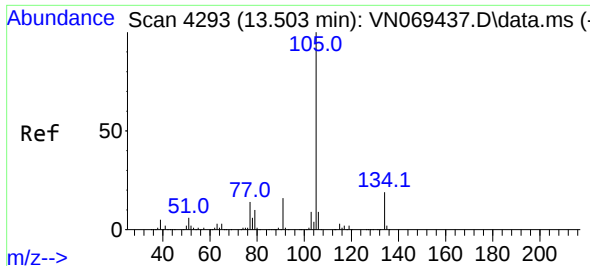
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.698 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion:105 Resp: 971332
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





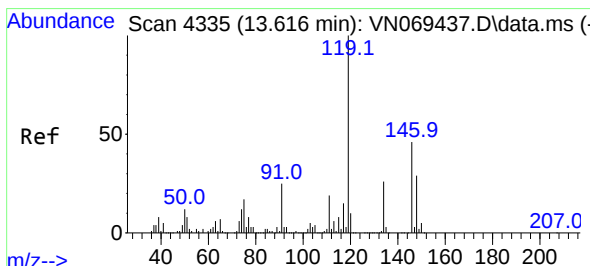
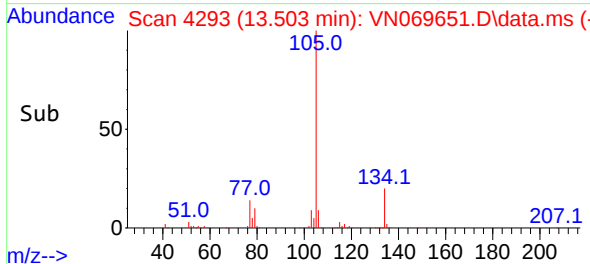
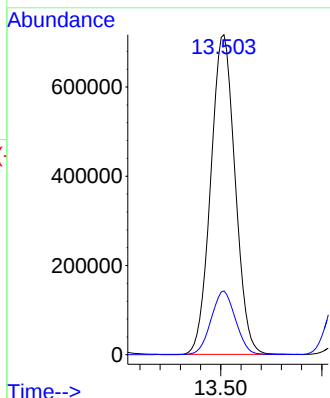
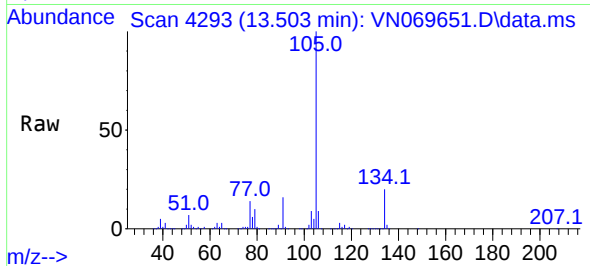
#81
 sec-Butylbenzene
 Concen: 20.261 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tgt Ion:105 Resp: 1199658
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

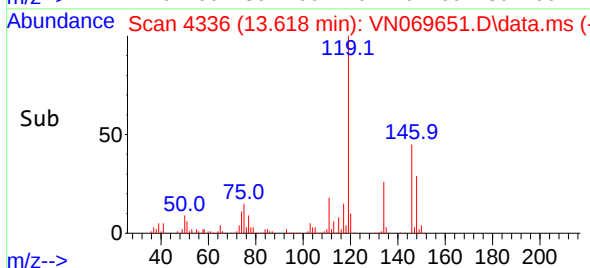
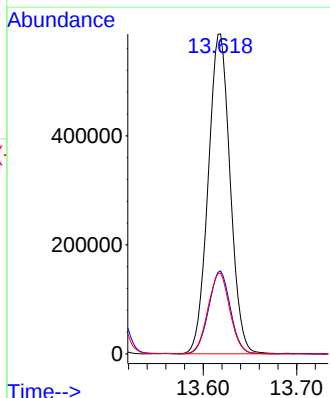
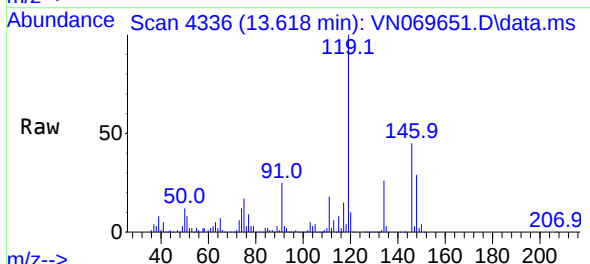
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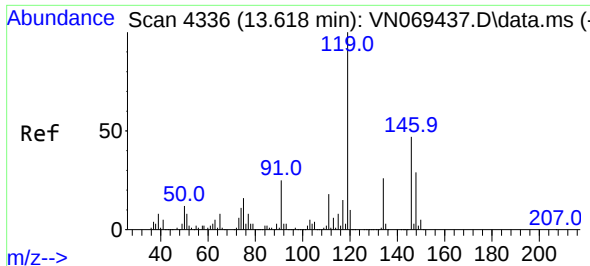
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#82
 p-Isopropyltoluene
 Concen: 20.261 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069651.D
 Acq: 26 Nov 2021 11:37

Tgt Ion:119 Resp: 957207
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.2 0.0 50.4





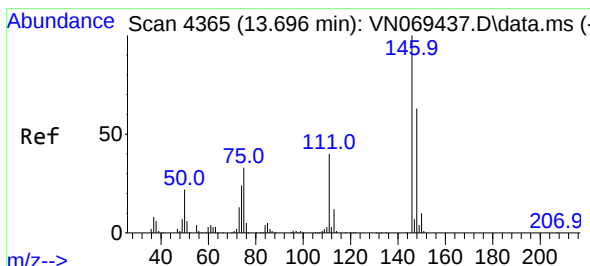
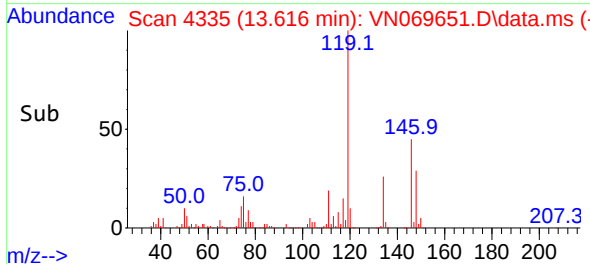
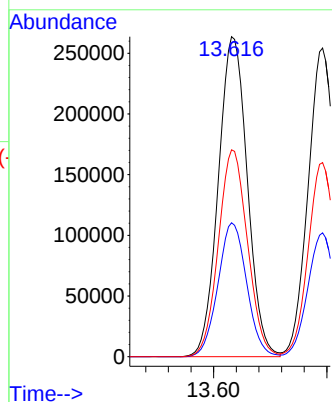
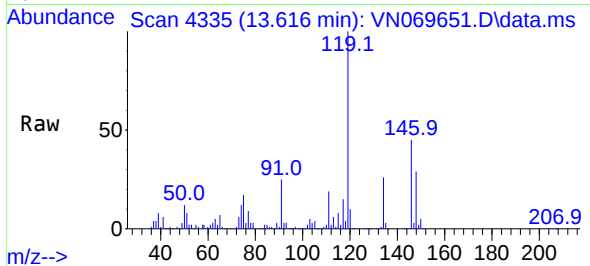
#83
1,3-Dichlorobenzene
Concen: 20.303 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:146 Resp: 46901
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 65.0 31.4 94.3

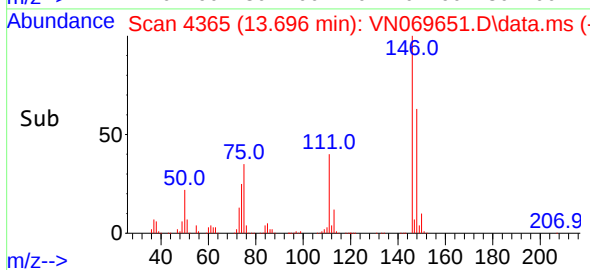
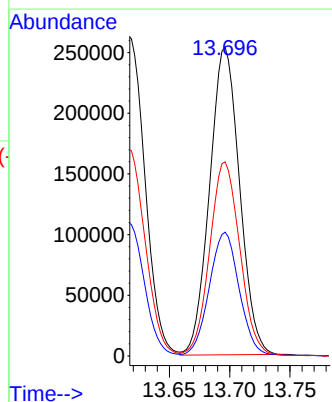
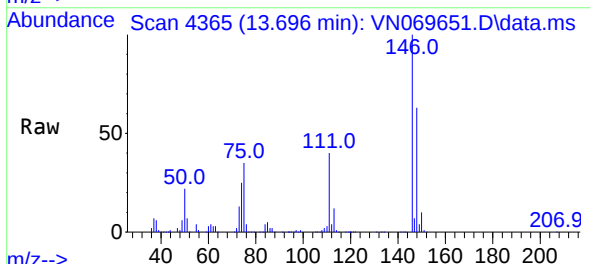
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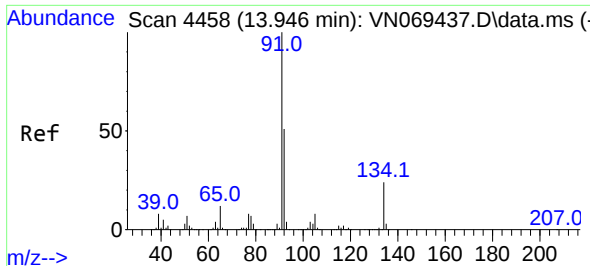
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#84
1,4-Dichlorobenzene
Concen: 19.554 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Tgt Ion:146 Resp: 438225
Ion Ratio Lower Upper
146 100
111 39.8 19.5 58.5
148 63.8 31.1 93.5





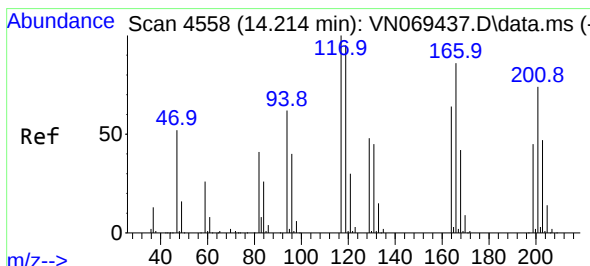
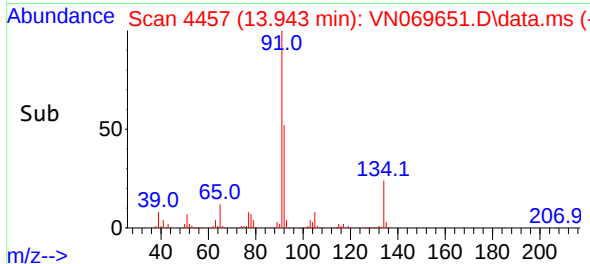
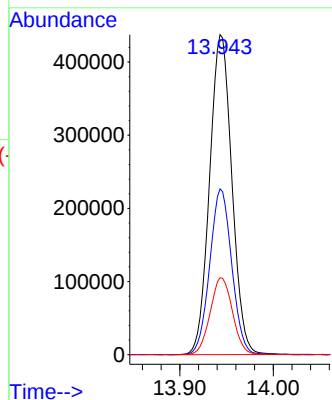
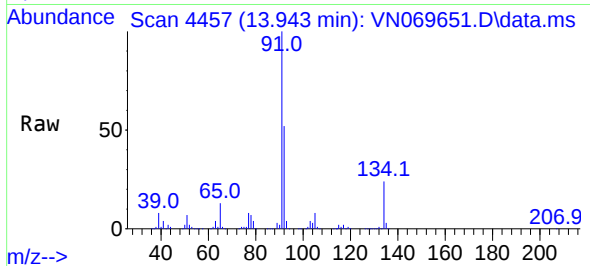
#85
n-Butylbenzene
Concen: 18.415 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 91 Resp: 726109
Ion Ratio Lower Upper
91 100
92 51.2 0.0 100.6
134 24.1 0.0 50.2

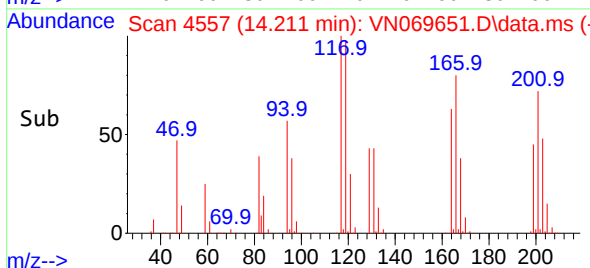
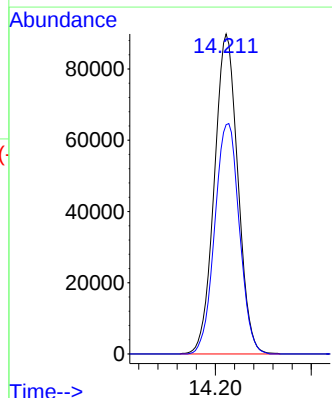
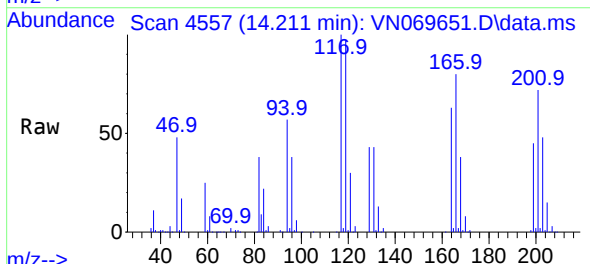
Manual Integrations
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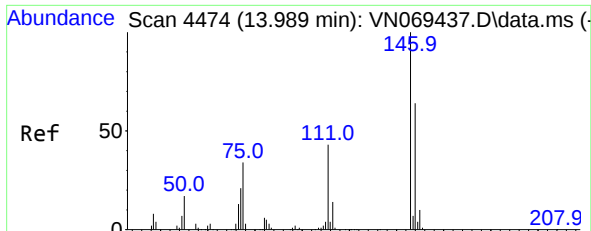
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#86
Hexachloroethane
Concen: 19.560 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

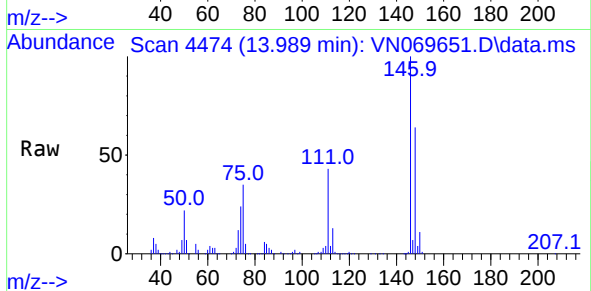
Tgt Ion:117 Resp: 152942
Ion Ratio Lower Upper
117 100
201 75.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.547 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

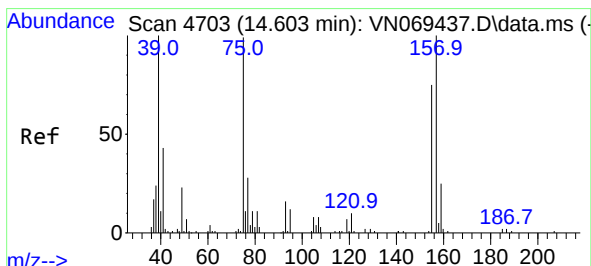
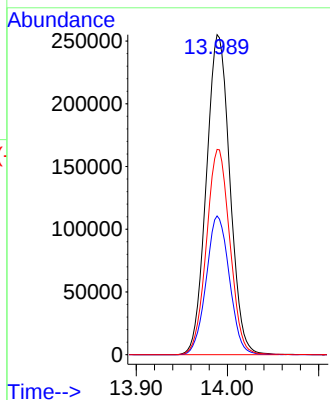
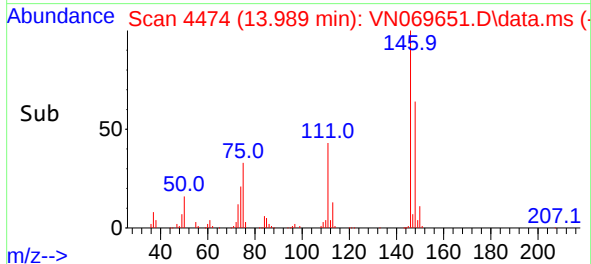
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



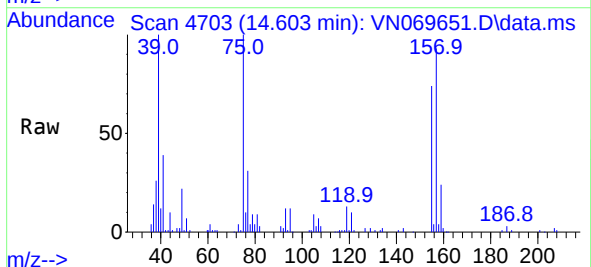
Tgt Ion:146 Resp: 458094
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 63.9 32.5 97.4

Manual Integrations
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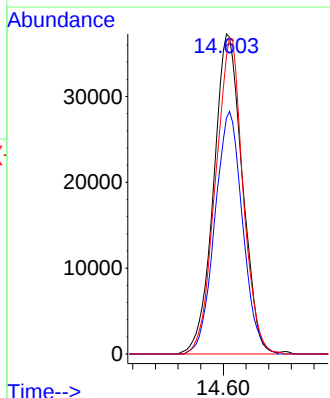
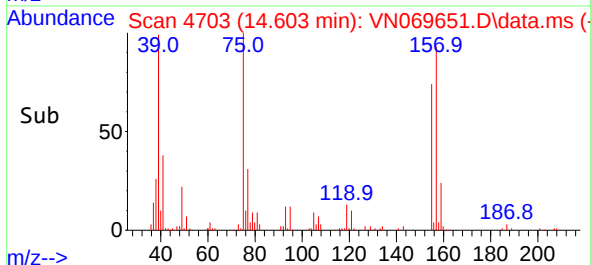
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

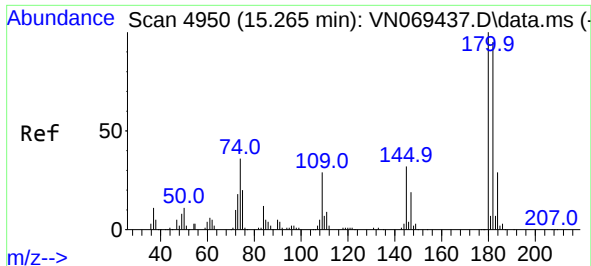


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.330 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



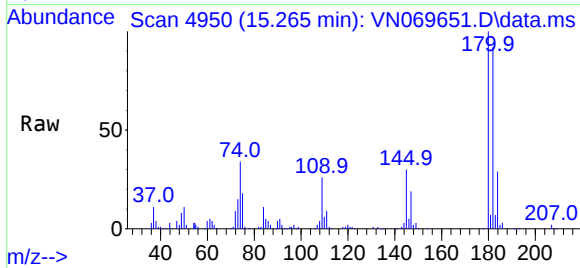
Tgt Ion: 75 Resp: 65447
Ion Ratio Lower Upper
75 100
155 73.7 63.8 95.8
157 94.6 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.377 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

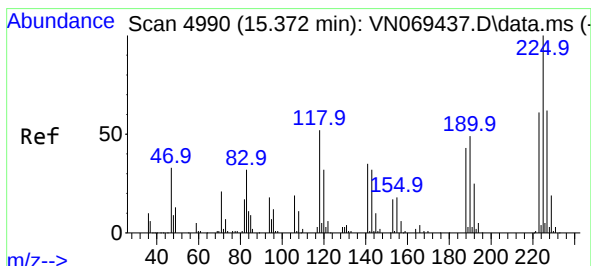
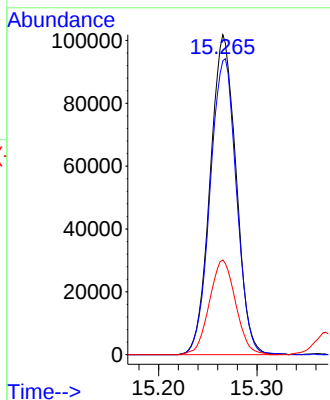
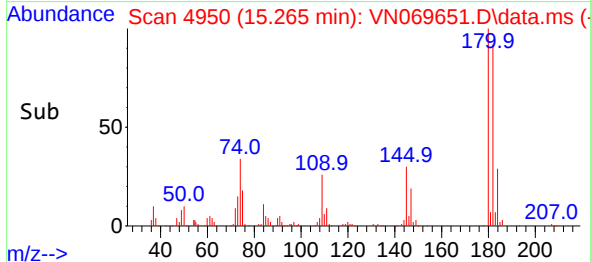
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



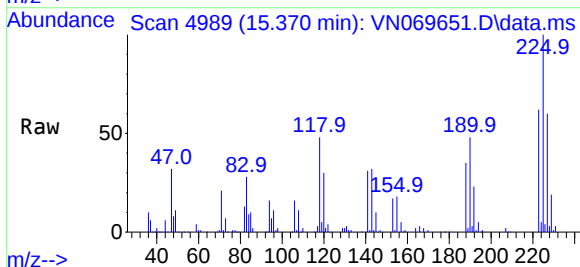
Tgt Ion:180 Resp: 18575
Ion Ratio Lower Upper
180 100
182 94.2 77.7 116.5
145 30.0 26.6 39.8

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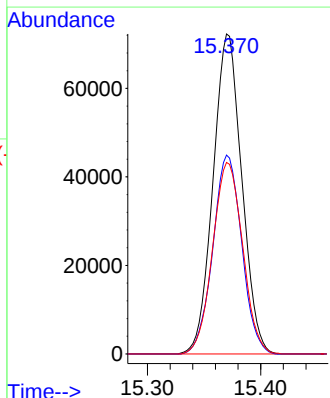
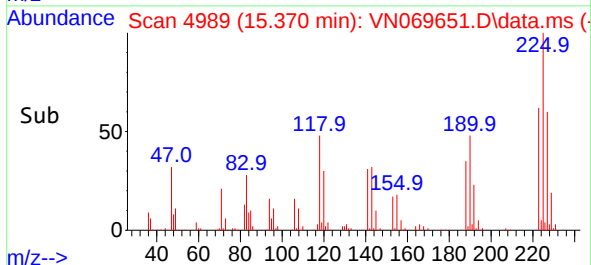
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

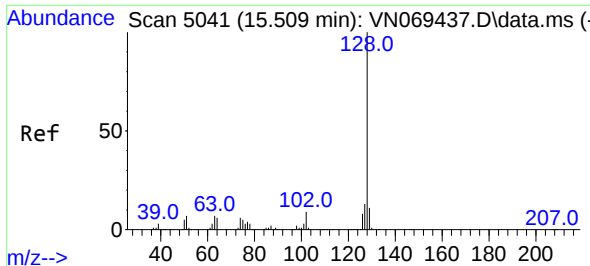


#90
Hexachlorobutadiene
Concen: 21.999 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



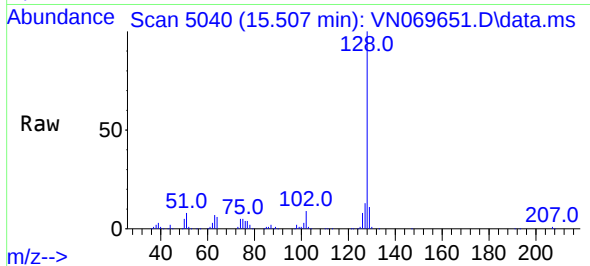
Tgt Ion:225 Resp: 127169
Ion Ratio Lower Upper
225 100
223 62.4 0.0 126.8
227 62.5 0.0 123.0





#91
Naphthalene
Concen: 13.844 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37

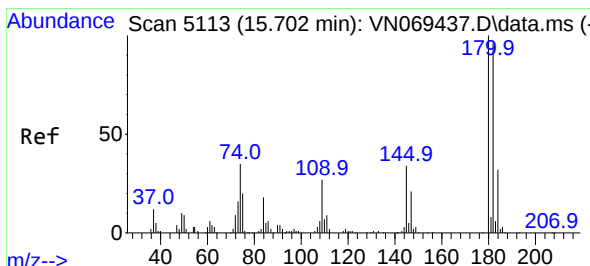
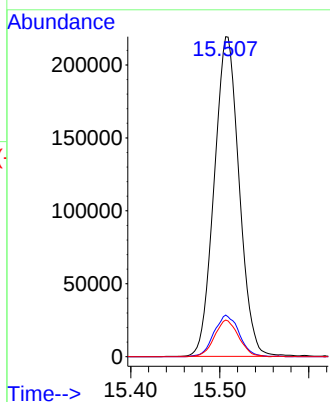
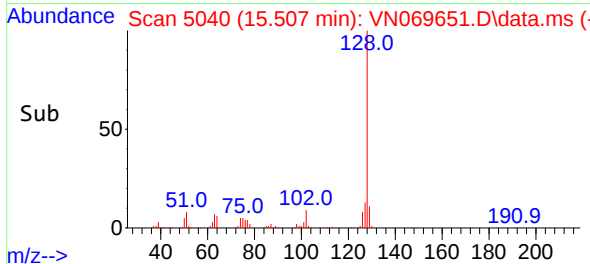
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



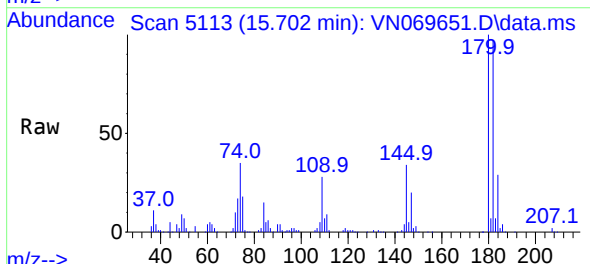
Tgt Ion:128 Resp: 426340
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
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Reviewed By :John Carbone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.704 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069651.D
Acq: 26 Nov 2021 11:37



Tgt Ion:180 Resp: 175544
Ion Ratio Lower Upper
180 100
182 97.5 0.0 190.0
145 33.5 0.0 67.8

